**POLY-FIBER AIRCRAFT COATINGS**

**AIRCRAFT SPRUCE - WORLD’S LARGEST DISTRIBUTOR OF POLY-FIBER PRODUCTS**

This FAA approved process utilizing Poly-Fiber Dacron polyester and the unique “Poly” line of finishes assures a beautiful, durable, weather-resistant cover job every time. Documented time tested results by the professionals. The Poly-Fiber Covering Process was issued Supplemental Type Certificate No. SA-1008-WE in 1965 and this number will apply to all aircraft.

Note: Formerly known as Stits covering process. Only Poly-Fiber materials may be used through the topcoat paint to comply with STC requirements.

**Poly-Fiber finishes are required for approval. Poly-Fiber is approved for use on most certified aircraft. To be sure, check the Master Eligibility List in the latest revision of Poly-Fiber Procedure Manual No. 1.**

**THE POLY-FIBER PRACTICE KIT**

If you’re thinking of building a fabric-covered airplane but are wondering what the covering process is like, this is the perfect answer. You get a practice frame, fabric, tapes, needles, rib lacing cord, thermometer, instructions, and all the coverings you need to work through the Poly-Spray stage. There’s enough of everything to do the entire process twice. You’ll see how easy and enjoyable fabric covering really is.

P/N 09-06220 .................

**“HOW TO COVER AN AIRCRAFT USING THE POLYFIBER SYSTEM”**

The Official Poly-Fiber how-to-manual. It’s a whole covering course in a book. A spiral-bound classroom, as the ads say. 191 pages of clear, non-jargon, step-by-step instruction, the entire Poly-Fiber system, from basic materials to blue ribbon. In plain language & has a sense of humor all its own. Entire Poly-Fiber catalog of products is included.

P/N 09-06000 ..................

**POLY-FIBER SOLVENTS & CLEANERS**

**METOL SOL C-2200 METAL SURFACE CLEANER**

A strong solvent blend formulated to remove oil, silicone, wax and other contaminants from all metal surfaces before priming. Not for painted surfaces.

Qt. .....................P/N 09-40710............................

Gal. ..................P/N 09-40720............................

**C-2210 PAINT SURFACE CLEANER**

A mild solvent blend formulated to remove oil, silicone, wax and other contaminants from all painted or primed surfaces. Also removes tape gum from painted surfaces and acrylic windshield materials.

Qt. .....................P/N 09-40810............................

Gal. ..................P/N 09-40820............................

**310 ALKALINE DETERGENT CLEANER**

Highly recommended as an alkaline metal cleaner for removing greases and oils. Also a very good cleaner for interior cabinets and vinyl upholstery, as well as a wide variety of household applications to remove waxes, dirt, and stains. Furnished as a concentrate for 32:1 dilution with water. Lemon scented and not harmful to your hands.

Qt. .....................P/N 310-1G.............................

Gal. ..................P/N 310-1................................

**HEAVY INTER-RIB BRAZING TAPE**

Non-adhesive polyester twill tape for inter-rib bracing. Twice as strong as cotton tape. 36 yd. rolls. 1/2” Wide

P/N 09-49012 .................

**POLY-FIBER FABRIC**

**UNCERTIFIED LIGHT**

1.7 oz., lightweight fabric recommended for covering ultralight aircraft. This fabric will be unstamped. It is not approved for certified aircraft except on plywood surfaces.

60” Width ...... P/N 09-02001 ............. /Lineal Yd.

**MEDIUM WEIGHT**

2.6 oz., standard fabric recommended for normal service on all types of aircraft regardless of speed, wing loading or horsepower.

70” Width ...... P/N 09-01600 ............. /Lineal Yd.

**HEAVY DUTY**

3.4 oz., Recommended for severe operating conditions and very high wing loading aircraft where a very tough, durable, low elongation, high tension fabric is required and weight is not critical. Great for agricultural, aerobatic and bush planes.

70” Width ...... P/N 09-01700 ............. /Lineal Yd.

**POLYESTER PADDING**

Non-woven, 45” wide, 3 oz. per yard. Used under fabric on wing leading edge and turtle deck to smooth rough surfaces.

P/N 09-01750 .................

**POLYFIBER FABRIC SANDWICH & CLEANER**

This is a 100% polyester sandwich, a perfect combination of materials to make a first-class covering fabric. Priced at a 10% discount. Perfect for your own Poly-Fiber covering project. Your satisfaction is guaranteed.

P/N 09-01770 .................

**POLY-FIBER POLYESTER FABRIC**

Send $1 for a sample of this fabric, free for the asking. Only the very best is good enough for Poly-Fiber. The Poly-Fiber Catalogue of materials is included.

Poly-Fiber Polystar Catalog #257 P/N 09-00233 .......FREE

**POLY-FIBER POLYESTER FINISHING TAPE**

<table>
<thead>
<tr>
<th>Style No.</th>
<th>Style</th>
<th>Roll Width</th>
<th>Roll Length</th>
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<tr>
<td>09-02250</td>
<td>Med. 1”</td>
<td>25 yds.</td>
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<tr>
<td>09-02400</td>
<td>Med. 1-1/2”</td>
<td>25 yds.</td>
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<td>09-02500</td>
<td>Med. 2”</td>
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<tr>
<td>09-02600</td>
<td>Med. 3”</td>
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<td>09-02800</td>
<td>Med. 4”</td>
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<td>09-03200</td>
<td>Med. 6”</td>
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<td>09-03800</td>
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**POLY-FIBER POLYESTER TAPES, CORD & THREAD**

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<th>Item</th>
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<td>Rib Lacing Cord</td>
<td>09-03900</td>
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<td>Sewing Thread</td>
<td>09-04000</td>
<td>Med.</td>
<td>Hand</td>
<td>50 yds.</td>
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**AIRCRAFT FABRIC COVERING**

Aircraft Fabric Covering is a must for anyone who wants to cover their own airplane. This 2-hour comprehensive video presents every aspect of the Poly-Fiber™ fabric covering process in detail, and in easy-to-understand language. From preparing the airplane for covering to spraying on the colors, you are guided step by step through the entire process by a professional EAA SportAir fabric instructor. When used in conjunction with the Poly-Fiber manual, Aircraft Fabric Covering removes the mystery surrounding this important process in the construction or restoration of your airplane. Information covered includes: Preparing surfaces, Attaching the fabric, Tightening the fabric, Applying the first coat of Poly-Brush, Tying rib-lacing knots, Applying finishing tapes, Spraying UV-blocking chemical, Poly-Spray, Applying the color coats.

VHS .................P/N 13-40428 .................

DVD .................P/N 13-02651 .................

**POLY-FIBER FABRIC APPLICATION Kit**

1. Light 1.7 oz. fabric
2. Medium 2.8 oz. fabric
3. Heavy 3.4 oz. fabric
4. Natural Thread
5. Reinforcement Tape
6. Rib Lacing Cord
7. Sewing Thread

P/N 09-01750 .................

**ABBREVIATIONS**

AP - Application
CS - Catalog Signs
EP - Equipment
LG - Literature
PS - Price Schedule
TO - Technical Order
BV - Bulletin
IN - Instruction
POLY-FIBER AIRCRAFT COATINGS

POLY-BRUSH
A pink translucent, 1 part air drying resin used for the first 2 or 3 coats to penetrate and seal the fabric weave and assure good adhesion. Also used to attach the finishing tapes and reinforcing patches. Brush on initial coat thinned 3:1 with reducer. Subsequent coats are thinned 3:1 with reducer and applied with a spray gun to avoid brush marks & cut application time.

**Tinted**
- Quart: P/N 09-04110
- Gallon: P/N 09-04210
- 5 Gal: P/N 09-04300

**Untinted**
- Quart: P/N 09-04111
- Gallon: P/N 09-04211
- 5 Gal: P/N 09-04301

POLY-SPRAY
A high-solids aluminum-pigmented, 1 part, air drying resin used after the Poly-Brush preliminary coating to protect fabric from UV and prepare for a smooth finish. Thin 4:1.
- Poly Spray (Qt): P/N 09-40400
- Poly Spray (Gal): P/N 09-40500
- Poly Spray (5 Gal): P/N 09-40600

POLY-FIBER REDUCERS
A blend of solvents used for viscosity and drying control of Poly-Brush, Poly-Spray and Poly-Tone. Blend 1:1. 65-75°F is recommended as the standard reducer in normal weather, 65°–75°F. RR-8500 is a retarder-reducer with slower drying time. Recommended for thick coats and warm humid weather.
- 965-75 Quart: P/N 09-40700
- 965-75 Gallon: P/N 09-04800
- 965-75 5 Gal: P/N 09-04900

POLY-FIBER RETARDER
This blended solvent improves flow-out and prevents blushing under high temperature or high humidity conditions.
- BR-8600 (Qt): P/N 09-40800
- BR-8600 (Gal): P/N 09-40840

POLY-TANE CEMENT
Excellent cement for all types of fabrics. Shelf life unopened is 2 years.
- Pint: P/N 09-05110
- Quart: P/N 09-05200
- Gallon: P/N 09-05100

POLY-TONE® FINISH
A durable semi-gloss, 1-part, air drying flexible paint available in over 50 popular aircraft colors. Recommended as the standard finish for the Poly-Fiber cover process. Also can be used over suitably primed metal components of fabric covered aircraft. Fabric damage is more easily repaired when Poly-Tone finish is used. All pigments are non-bleeding or fading. Will not oxidize with age. Poly-Tone is always thinned to 4 to 1 with Poly Fiber Reducer (65-75 or 8500).

**POLY-TONE FINISHES**
- **QUART**
  - Insignia White (#105)
  - Juneau White (#110)
  - Daytona White (#120)
- **GALLON**
  - All other colors (Color Card #50)

**TO ORDER POLY TONE**
Create the part number for the Polytone you require: Color-PO (for Quart) or Color-PG (for Gallon)

**Example:** 100-PO is a Quart of Color #100

**POLY TONE U.V. BLOCKING**
Used for additional UV Protection in ultralight airplanes. 1 fl. oz.
- 1 Qt: P/N 09-05200
- 1/2 Pint: P/N 09-02053
- 8 Oz: P/N 09-02053

**POLY TONE**

**IMPORTANT NOTICE:** Poly-Fiber and Randolph Coatings are now manufactured by Consolidated Coatings Co and current colors do NOT all match original Randolph colors. If matching an old color is required, please match it to a current color card or send a sample of old color for custom matching.
Black Baron Fabric Iron

The Black Baron Iron was designed specifically for use on small aircraft. The exclusive “roll bars” fit into fillets and undercambers. The flat sole is made of Teflon coated aluminum, providing constant pressure and crisp creases. The metal soleplate is durable and resists rust and corrosion. Anti-drip feet prevent leaks and drips. A variable steam control allows you to match the amount of steam to the fabric type. A steam release button and cord holder are included for convenience. The Black Baron Iron is a highly versatile tool for fabric covering and maintenance.

CUSTOM SEALING FABRIC IRON

This Teflon coated sealing works on a variety of coverings and has adjustable heat setting. It’s an AC unit which operates at 170 watts. The temperature range is approximately 100-350°F. It has a 1-year warranty.

POLY-FIBER AIRCRAFT COATINGS

A tough, flexible, high-gloss two part polyurethane especially formulated for fabric covered aircraft and marine surfaces subject to flexing loads. Recommended as a premium quality fabric finish over Stits Poly-Fiber covered aircraft. Wet look, high gloss. Poly-Fiber requires catalyst, which is sold separately, and will be offered to you at the time of purchase.

Poly-Fiber Additives

Poly-Fiber Additives

<table>
<thead>
<tr>
<th>Size</th>
<th>Color</th>
<th>Part No.</th>
<th>Price</th>
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<tbody>
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<td>Quart</td>
<td>Insignia White</td>
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<td>110-AQ</td>
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<tr>
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<td>Juneau White</td>
<td>110-AQ</td>
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<tr>
<td>Quart</td>
<td>Glacier White</td>
<td>117-AQ</td>
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<tr>
<td>Gallon</td>
<td>Glacier White</td>
<td>117-AQ</td>
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</tr>
<tr>
<td>Quart</td>
<td>Daytona White</td>
<td>120-AQ</td>
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<tr>
<td>Gallon</td>
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<td>120-AQ</td>
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Poly-Fiber Colors Available

Each color group in chart below is listed from light to darker shades. Free Poly-Fiber color chart available on request. Color Card #50.

<table>
<thead>
<tr>
<th>CLEAR</th>
<th>P/N 09-37400</th>
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<tbody>
<tr>
<td>White</td>
<td>P/N 09-05500</td>
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<tr>
<td>Insignia Red</td>
<td>P/N 09-05400</td>
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<td>Eagle Red</td>
<td>P/N 09-05300</td>
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<tr>
<td>Daytona White</td>
<td>P/N 09-05200</td>
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<tr>
<td>Daybreak White</td>
<td>P/N 09-05100</td>
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Poly-Fiber Colors:

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<tr>
<td>Black</td>
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<td>Blue</td>
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<td>Grey</td>
<td>P/N 09-04750</td>
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<tr>
<td>Silver</td>
<td>P/N 09-04650</td>
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To Order Poly-Fiber Colors:

Simply specify Poly-Fiber color number from chart above, either PolyTone or AeroThane, and quart or gallon.
POLY-FIBER ENAMELS

A high gloss, fast drying enamel for use on primed metal or fiberglass. Enamels match all 50 Poly-Fiber, Aero-Tone and Poly-Tone colors. Not for use on fabric.

Applications: Thin 3 parts enamel to 1 part enamel reducer. For best results use over EP-420 Epoxy Primer.

QUART GALLON

4 Whites:
Insignia White ............................... 105
Juneau White ............................... 110
Glacier White ............................... 117
Daytona White ............................... 120

361......... Eagle Purple

195......... Santa Fe Red

189......... Madrid Red

Orange

146......... J3 OEM Yellow

145......... Lockhaven Yellow

143......... Cub Yellow

146......... J3 OEM Yellow

132......... Sun Valley Ivory

125......... Tucson Cream

131......... Diana Cream

Yellow

242......... Ag Cat Yellow

136......... Lemon Yellow

139......... Federal Yellow

145......... Lockhaven Yellow

240......... Champion Yellow

140......... Orange Yellow

143......... Cub Yellow

222M...... Rancho Silver

Orange

142A..... Eagle Yellow / Orange

182......... Pumpkin Orange

183......... International Orange

180......... Cruiser Orange

Red

189......... Madrid Red

187......... Eagle Red

191......... Pontiac Red

190......... Tennessee Red

195......... Santa Fe Red

196......... Boston Maroon

197......... Stinson Maroon

Purple

361......... Eagle Purple

Brown

205......... Bermuda Tan

203......... Elsinore Brown

Blue

165........ Lakeland Blue

170........ Bahama Blue

173........ AN Blue (True Blue)

318M..... Piper Trainer Blue

177........ Eagle Blue

176........ Insignia Blue

Grey/Silver

210......... Polar Grey

220M...... Nevada Silver

213A...... Federal 36321 Grey

213........ Ag Cat Grey

219........ Jasper Grey

222M...... Rancho Silver

Black

215........ Dakota Black

Military Camouflage

212........ Oak Green

208........ Federal 14087

208A...... Federal 24064 Green

Green

157......... Cub Sport Trainer

151........ Everglades Green

156........ Portland Green

160........ Forest Green

Gold

301M...... Reno Gold

Gold

105......... Insignia White

110......... Juneau White

117......... Glacier White

120......... Daytona White

Gallon

205......... Bermuda Tan

203......... Elsinore Brown

318M..... Piper Trainer Blue

177........ Eagle Blue

176........ Insignia Blue

210......... Polar Grey

220M...... Nevada Silver

213A...... Federal 36321 Grey

213........ Ag Cat Grey

219........ Jasper Grey

157......... Cub Sport Trainer

151........ Everglades Green

156........ Portland Green

160........ Forest Green

301M...... Reno Gold

105......... Insignia White

110......... Juneau White

117......... Glacier White

120......... Daytona White

POLY-FIBER ENAMEL HARDENER/GLOSS ADDITIVE

Hardens, increases gloss, increasing resistance to staining, chemicals, and chipping. Application: After reducing, add 8-16 oz. per gallon. Pint........................................ P/N 09-00681

POLY-FIBER ENAMEL REDUCER

Fast drying thinner for use with Classic Aero Enamel. Applications: Thin 1 part reducer to 3 parts enamel.

Pint........................................ P/N 09-61200

Gallon........................................ P/N 09-61205

FABRICATING TOOL KIT

This kit includes the items most commonly needed to complete your Poly-Fiber covering project:

Kit Includes: 1 3/4 Brush

1 quart 268 Nitrate Thinner

1 3" Curved Needle

1 quart Super Seam Fabric Cement

1 3M Wetordry Sandpaper 413

2 quarters 286 Butyrate Thinner

1 quart G-6302 Rand Nitrate Dope Grain

1 quart Ceteconite 101 (3.4 oz)

1 yard Stits Hand Sewing Thread

1 quart Rand O-Fill G6503 5 Yard

1 2" C102 Straight Tape 2" For Ceteconite Hand Thread 250

CECONITE FABRIC REPAIR KIT

Ceteconite 101

P/N 09-00299

Kit Includes: 1 1" Brush

1 quart Nitrate Thinner

1 3" Curved Needle

1 quart W-8350 Non-Taut Butyrate

1 quart Ceteconite 102 (2 oz)

1 quart Butyrate Thinner 970

1 sheet 3M Wetordry Sandpaper 413

1 quart Rand-O-Fill G-6303 QT

6 Yard Super Seam Fabric Cement C102 Straight Tape 2"

1 quart G-6302 N/T Nitrate Dope Grain

1 Ceteconite Hand Thread 250

CYCLOONE PAINT SHAKER

Only the Cyclone has “Varishake,” adjustable haking power that automatically compensate for can size. A Cyclone will give you superior mixing power to quickly and completely separate and disperse individual metallic and pigment particles so you can match intensity and pitch exactly. Then, at a touch, your Cyclone will give your batch an extra gentle agitation while you are painting, to hold the batch in the fully mixed condition. Cyclone helps eliminate problems with panel to panel uniformity. Features: • Clamps cans quickly, easily, positively. • Thoroughly mixes most products in 60 to 90 seconds. • Breaks up and resuspends well settled solids. • Accepts pint through four-liter cans, including U.S. gal.

POLY FIBER COVERING KIT

This kit recommended for these aircraft:

- AERONCA CHAMPION
- AERONCA CHIEF
- CALLAIR
- CITABRIA
- FUNK
- INTERSTATE CADET
- PORTERFIELD
- REARWIN
- TAYLORCRAFT

Note: This kit is for aircraft requiring about 45 yards of fabric. Quality required vary by aircraft. Verify quantity shown are correct for your aircraft before ordering. P/N 09-02046
PRE-SEWN POLY-FIBER AND CECONITE ENVELOPES

Presewen envelopes are much easier to install than fabric yard goods. These envelopes are sewn to fit each individual surface depending upon the type of airplane. They can be placed over all seams. The seams are sewn using a special thread and special stitches. Fabric tapes must be placed over all seams. The seams can be sewn chordwise or spanwise for the wings. Individual Pieces Priced Per Each. On presewn envelopes, pricing is done by each piece. (i.e. If your airplane is a Stearman, you will have 4 wings. Price shown is per wing - $86.44. Your cost for all 4 would be: 86.44 x 4 = $345.76.

Note: All pre-sewn envelopes are non-cancelable, non-returnable special order items.

PLEASE ORDER BY PART NUMBER - Basic part numbers (09-XXX) are shown in the chart. Complete the part number with 10 for wing, 20 for fuselage, 30 for aileron, 40 for stabilizer, 50 for elevator, 60 for flap, 70 for rudder, or 80 for complete set. After the P/N, add -1 for Heavy Duty 3.4 oz Polyfiber Fabric, -3 for Medium Weight 2.6 oz. Polyfiber Fabric, -5 for Ceconite 101 fabric, or -6 for Ceconite 102 Fabric. Prices of envelopes vary based on Fabric selected. Example: Complete part number for a Stinson 108-1 complete set in Ceconite 102 fabric would be 09-67380-6.

WING (10) FUSELAGE (20) AILERON (30) STABILIZER (40) ELEVATOR (50) FLAP (60) RUDDER (70) COMPLETE (80)

Aircraft Part No. Wing (10) Fuselage (20) Aileron (30) Stabilizer (40) Elevator (50) Flap (60) Rudder (70) Complete (80)

Airtract 09-679

Antiques Part No. Wing (10) Fuselage (20) Aileron (30) Stabilizer (40) Elevator (50) Flap (60) Rudder (70) Complete (80)

Antiques Part # Price Antiques Part # Price Model Part # Price

Complete Sets

Avco Sports I 09-867

Avco Sports II 09-868

Baby Great Lakes 09-890

Bowers Fly Baby 09-801

Champion Eagle I & 2 09-692

Corbin Baby Ace 09-893

Curtiss 09-604

Dolso S1E/S1C 09-695

Erich S2S/S2A 09-696

Glihorn Miroplane 09-897

Gonner I 09-898

Harklau I 09-899

Harklau II 09-900

Starrkraft I 09-700

Starrkraft II 09-701

Woolsey Skybox 09-705
### Our Sails are Made in the United States by a Top Flight Sail Loft.

Our sails are made from the highest quality 3.9 oz. Dacron, many of them from the original OEM sail patterns. These sails are guaranteed to fit properly. All sail sets come complete with tail feathers and fuselage covers, except where noted. All sail orders are on custom-fabricated basis. Therefore, please allow at least three weeks for delivery. There are no refunds on sail sets unless they are defective. Non-refundable 100% deposit or credit card purchase required. A wide selection of sail colors are available. Contact Aircraft Spruce for details on colors, patterns, and custom work. Prices subject to change without notice.

### Model Part No. Price

#### Teratorn Aircraft
- **Tierra 2-Place Sail set (excludes cabin enclosure)** 09-01780
- **Tierra Complete Sail Set** 09-01781
- **Tierra Wing Surface Set** 09-01782
- **T/A Complete Sail Set** 09-01783
- **T/A Wing Surface Set** 09-01784
- **Teratorn WS Complete Sail Set** 09-01785
- **Tierra Aileron Surface Set** 09-01786
- **Sailor Surface** 09-01787
- **Tierra Horizontal Stabilizer** 09-01788
- **T/A Horizontal Stabilizer** 09-01789
- **Tierra Vertical Stabilizer** 09-01790
- **T/A and Tierra Rudder** 09-01791

#### Star Flight Aircraft
- **TX 1000 and 2000 Complete Sail Sets** 09-01794
- **TX 1000 and 2000 Wing Surface Sets** 09-01795
- **Elevator Surface Set** 09-01796
- **Horizontal Stabilizer** 09-01797
- **Rudder Surface** 09-01798
- **Hurricane, Avenger & Phantom Aircraft**
  - **Complete Sail Set** 09-01799
- **Aileron Surface Set** 09-01800
- **Elevator Surface Set** 09-01801
- **Horizontal Stabilizer Surface Set** 09-01802
- **Upper Vertical Stabilizer** 09-01803
- **Lower Vertical Stabilizer** 09-01804
- **Rudder Surface** 09-01805

#### Advanced Aviation
- **Cobra A or B Complete Sail Set** 09-01806
- **Cobra A or B Wing Surface Set** 09-01807
- **Cobra Aileron Surface Set** 09-01808
- **Cobra Horizontal Stabilizer** 09-01809
- **Cobra Elevator Surface Set** 09-01810
- **Cobra Rudder Surface** 09-01811
- **Explorer Complete Sail Set** 09-01812
- **Explorer Aileron Surface Set** 09-01813
- **Explorer Elevator Surface Set** 09-01814
- **Explorer Wing Flap Set** 09-01815
- **Explorer Horizontal/Elevator Set** 09-01816
- **Explorer Vertical Stabilizer** 09-01817
- **Explorer Rudder Surface** 09-01818
- **Explorer Gap Cover** 09-01819
- **Buccaneer 2 & Carrera 180**
  - **Complete Sail Set** 09-01820
- **Buccaneer 2 Complete Sail Set** 09-01821
- **Buccaneer 2 Aileron Set** 09-01822
- **Buccaneer 2 Complete Sail Set** 09-01823
- **Buccaneer 2 Vertical Stabilizer** 09-01824
- **Buccaneer 2 Rudder Surface Set** 09-01825
- **Buccaneer 2 Elevator Surface Set** 09-01826
- **Buccaneer 2 Gap Cover** 09-01827
- **Buccaneer 2 Elevator Set** 09-01828
- **Buccaneer 2 Rudder Set** 09-01829
- **Carrera Complete Sail Set/Includes Pylen Cover** 09-01830
- **Carrera Wing Surface Set** 09-01831
- **Carrera Wing Set** 09-01832
- **Carrera Complete Sail Set** 09-01833
- **Carrera Rudder Surface** 09-01834
- **Quick Silver Aircraft**
  - **MX Complete Sail Set** 09-01736
  - **MX Wing Surface Set** 09-01737
  - **MX Qualifier Complete Sail Set** 09-01738
  - **MX Qualifier Wing Set** 09-01739
  - **MX Tapered Stabilizer Option** 09-01740
  - **MX Horizontal Stabilizer** 09-01741
  - **MX Rudder Surface** 09-01742
  - **MX-MXL Elevator Set** 09-01743
  - **MX2 Complete Sail Set** 09-01744
  - **MX2 Wing Surface Set** 09-01745
  - **MX2 H.P. Complete Sail Set (X-tra Rails/Tapered Stabilizer)** 09-01746
  - **Quick Silver Weight Shift Rudder** 09-01747
  - **Quick Silver Weight Shift Complete Sail Set** 09-01748
  - **MX Complete Sail Set** 09-01749
  - **MX Wing Surface Set** 09-01750
  - **MX Aileron Surface Set** 09-01751
  - **MX Tapered Stabilizer** 09-01752

#### Wizard Aircraft
- **Weight Shift Complete Sail Set** 09-01753
- **J-3 Complete Sail Set** 09-01754
- **J-3 Wing Surface Set** 09-01755
- **T-38 Complete Sail Set** 09-01756
- **T-38 Wing Surface Set** 09-01757
- **J-3 & T-38 Rudder A or B** 09-01758
- **J-3 & T-38 Elevator Surface Set** 09-01759
- **J-3b & T-38b Elevator Surface Set** 09-01760
- **Flight Star Aircraft**
  - **Complete Sail Set** 09-01761
  - **Complete Single Place Sail Set** 09-01762
  - **Complete 2 Place Sail Set** 09-01763
  - **Flight Star Elevator Surface Set** 09-01764
  - **Flight Star Rudder Surface** 09-01765
- **Rotec Rally Aircraft**
  - **Rotec Rally 2 & Champ Complete Sail Set** 09-01766
  - **Rotec Rally 2b & Champ Wing Surface Set** 09-01767
  - **Rotec Rally 2b & Champ Elevator Surface Set** 09-01768
  - **Rotec Rally Sport Complete Sail Set** 09-01769
  - **Rotec Rally Sport Complete Single Place Sail Set** 09-01770
  - **Rotec Rally Sport Complete 2 Place Sail Set** 09-01771
  - **Rotec Rally Sport Complete 3 Place Sail Set** 09-01772
  - **Rotec Rally Sport Complete 4 Place Sail Set** 09-01773
  - **Rotec Rally Sport Complete 5 Place Sail Set** 09-01774
  - **Rotec Rally Sport Complete 6 Place Sail Set** 09-01775
  - **Rotec Rally Sport Complete 7 Place Sail Set** 09-01776
  - **Rotec Rally Sport Complete 8 Place Sail Set** 09-01777
  - **Rotec Rally Sport Complete 9 Place Sail Set** 09-01778
  - **Rotec Rally Sport Complete 10 Place Sail Set** 09-01779
- **BL-RD Aircraft**
  - **BL-RD Complete Sail Set** 09-01780
  - **BL-RD Wing Surface Set** 09-01781
  - **BL-RD Elevator Surface Set** 09-01782
  - **BL-RD Rudder Surface** 09-01783
- **Condor Aircraft**
  - **Condor Complete Sail Set** 09-01784
  - **Condor Wing Surface Set** 09-01785
  - **Condor Elevator Surface Set** 09-01786
  - **Condor Rudder Surface** 09-01787
- **Weedhopper Aircraft**
  - **Weedhopper Super Nova Set** 09-01788
  - **Weedhopper C or B Complete Sail Set** 09-01789
  - **Weedhopper C or B Wing Surface Set** 09-01790
  - **Weedhopper Stabilizer/Elevator Surface Set** 09-01791
  - **Weedhopper Sub Fin Surface** 09-01792
  - **Weedhopper Rudder Surface** 09-01793

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**CS**

W:337
CECONITE AIRCRAFT MATERIALS

CECONITE FABRIC
Ceconite, 100% polyester fabric is approved for use on most certified aircraft. To be sure to check the master eligibility list in the procedure manual.

CECONITE 101 (3.4 oz.) - Much stronger and far more durable than cotton. It has a probable lifetime durability.
70” Width ... P/N 09-00700............. /lin. yd

CECONITE 102 (2.6 oz.) - A fine weave medium weight cotton fabric as described in TSO-C15.
70” Width ......... P/N 09-00900............. /lin. yd

SUPER SEAM FABRIC CEMENT
New Super Seam Fabric Cement. Not compatible with original nitrate-based Super Seam. Used to attach Ceconite Fabric to structures. High solids nitrate based cement approved in the Ceconite STC.

POLYESTER THREAD & CORD (FAA APPROVED)

CECONITE - 6993 waxed, 600 yds.
P/N 09-41300-1

CECONITE - Flat Braided, 500 yds.
P/N 09-41082

HAND SEWING THREADS - 250 yds
P/N 09-41400

MACHINE SEWING THREAD - 5600 yds
P/N 09-41500-1

INTERIB BRACING TAPE - 36 yd roll, 1/2”w.... P/N 09-41500

CECONITE REINFORCING TAPES (FAA APPROVED)
Polyester twill with adhesive back. Applied under riblacer, server, or pop rivet to prevent fabric from ripping. 60 yd. length.
1/4” width...... P/N 09-41230
3/8” width...... P/N 09-41238
1/2” width...... P/N 09-41212

CECONITE PROCEDURE MANUAL
STC manual for applying ceconite materials.
P/N 09-01000

MAULE FABRIC TESTER
A fine quality tool to test fabric covered aircraft for minimum FAA requirements without removing or punching holes in fabric. Also used to test struts for inside rusting as required by FAA on all Piper aircraft with struts.
P/N 09-14900

MATERIAL REQUIREMENTS FOR ULTRALIGHT AIRCRAFT USING UNCERTIFIED LIGHT FABRIC

USING POLY-FIBER UNCERTIFIED LIGHT FABRIC
25yds............ Uncertified Light Fabric
5...... Gal. Poly-Brush
6...... Gal. Poly-Spray
2...... Qts. Poly-Tak
5...... Gal. Reducer
3...... Rolls 2” Pinned Tape
1...... Roll 3” Pinned Tape
6...... Gal. Poly-Tone
100...... Drain Grommets
15...... Inspection Rings

CECONITE TAPES
This FAA approved process utilizing Ceconite polyester fabrics and the Randolph line of finishes assures a beautiful, durable, weather-resistant cover job every time. The Ceconite cover process was issued Supplemental Type Certificate No. SA4503HM in 1997, and this number will apply to all aircraft. Note: Only Randolph materials may be used through the topcoat paint to comply with STC requirements. Randolph finishes are required for approval. Ceconite is approved for use on most certified aircraft. To be sure, check the Approved Model List in the latest revision of Procedure Manual 101 for the Ceconite Aircraft Covering Process.

LINEAR STRAIGHT TAPES (CECONITE 102)

Width Roll Part No. Price
1”.............. 50 yds. 09-41010
1.5”........... 50 yds. 09-41015
2”............. 50 yds. 09-41020
3”............. 50 yds. 09-41030
4”............. 50 yds. 09-41040
6”............. 50 yds. 09-41060

LINEAR PINNED TAPES (CECONITE 102)

Width Roll Part No. Price
1”.............. 25 yds. 09-41111
1.5”......... 25 yds. 09-41116
2”............. 25 yds. 09-41120
2.5”........... 25 yds. 09-41125
3”............. 25 yds. 09-41130
4”............. 25 yds. 09-41145
6”............. 25 yds. 09-41166

LINEAR PINNED TAPES (CECONITE LIGHT)

Width Roll Part No. Price
1”.............. 25 yds. 09-41251
1.5”......... 25 yds. 09-41255
2”............. 25 yds. 09-40259
2.5”......... 25 yds. 09-41265
3”............. 25 yds. 09-41270
4”............. 25 yds. 09-41254
6”............. 25 yds. 09-41256

BIAS PINNED TAPES
For use on curved edges.

Width Roll Part No. Price
2”.............. 25 yds. 09-41165
3”............. 25 yds. 09-41170
4”............. 25 yds. 09-41175

ESTIMATED MATERIAL REQUIREMENTS FOR COVERING FABRIC AIRCRAFT
(Average aircraft the size of Piper J-3, PA-11, PA-25, Aeronca, Taylorcraft)

USING POLY-FIBER MED-1 FABRIC

45” Yards Med-1 Fabric
10”...Gal. Poly-Brush
11”...Gal. Poly-Spray
1”...Gal. Poly-Tak
4”...Gal. Reducer
2.5”...Roll 1” Pinned Tape
3”...Rolls 2” Pinned Tape
4”...Rolls 3” Pinned Tape
1”...Roll 4” Pinned Tape
3”...Roll 3” Bias Tape
1”...Roll 4” Bias Tape
1”...Roll Std. Rib Cord
2”...Rolls 1/2” Reinf. Tape
10”...Gal. Poly-Tone
30”...Drain Grommets
100...Drain Grommets

USING CECONITE 102 FABRIC

45” Yards Ceconite 102
5”...Gal. Non-Taunting Nitrate Dope
10”...Gal. Non-Taunting Butyrate Dope
7”...Rolls 2” Ceconite Tape
1”...Ceconite Rib Lacing Cord
1”...Ceconite machine Thread
10”...Gal. Colored Butyrate Dope
2”...Rolls 1/2” Reinforcing Tape
1”...Gal. New Seam Fabric Cement
5”...Gal. Nitrate thinner
24”...Inspection Rings
100...Drain Grommets
30”...Gal. Butyrate Dope Thinner
10”...Gal. Silver Butyrate Dope
**DACRON FABRIC FOR HOMEBUILT AIRCRAFT**

Easily controlled shrinkage by the application of heat by either a conventional steam iron or other heat source assures a professional covering job even on the first attempt. It may be coated with aircraft dope, epoxies or other finishes as acceptable to the FAA. DACron is available in many weights and weaves but three types have been selected as being most suitable as an aircraft covering material. The tensile strength of Grade A and Irish Linen aircraft fabrics is 80 pounds, which may be used as a comparable standard in selecting the proper DACron fabric weight for a specific application. The 1.8 oz. is a light weight material which is generally used on gliders and over plywood. The 2.7 oz. fabric is comparable in strength to Grade A. The finer weave assures an ultra-smooth texture-free finish. The 3.7 oz. material is a heavy duty fabric for extraordinary service.

**NOT for use on certified aircraft.**

<table>
<thead>
<tr>
<th>Weight</th>
<th>Part No.</th>
<th>Strength/Lb/In.</th>
<th>Width</th>
<th>Price Per Lineal Yd.</th>
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<tbody>
<tr>
<td>1.8 Oz</td>
<td>09-00100</td>
<td>60</td>
<td>60”</td>
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<tr>
<td>2.7 Oz</td>
<td>09-00300</td>
<td>62”</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.7 Oz</td>
<td>09-00500</td>
<td>66”</td>
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**DACRON SURFACE TAPES**

The DACron tapes are made up in the 2.7 oz. weight. Available with smooth edges or with conventional pinked edges. The DACron tape is not FAA approved. Sold in 50 yard rolls.

<table>
<thead>
<tr>
<th>Width</th>
<th>Smooth Edge</th>
<th>Pinked</th>
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<tbody>
<tr>
<td>50 Yd Roll</td>
<td>P/N 09-00355</td>
<td>P/N 09-00356</td>
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<tr>
<td>1”</td>
<td>15000</td>
<td>15100</td>
</tr>
<tr>
<td>2”</td>
<td>15500</td>
<td>15600</td>
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<tr>
<td>3”</td>
<td>16000</td>
<td>15700</td>
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<tr>
<td>4”</td>
<td>16500</td>
<td>15800</td>
</tr>
<tr>
<td>6”</td>
<td>16400</td>
<td>15900</td>
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</tbody>
</table>

**Discount Schedule for DACron Tapes:**

- Less 10% for 12 Rolls (assorted)
- Less 15% for 25 Rolls (assorted). Request quote on larger quantities.

**DACRON BIAS TAPE FOR HOMEBUILT AIRCRAFT**

Bias-cut tapes (weave 45° to edge) are especially useful for trimming compound curves on components such as wing tips and tail surfaces. Bias tape will stretch to conform to the contour without wrinkles, without heat-shrinking edges or cutting and notching to remove excess fabric. Stretching reduces the width about 35% so 3” tape should be used to finish areas normally covered with 2” tape. 2” Bias tape will pull to about 1-3/8” width. 2” x 50 Yd Roll ................. P/N 09-16300

**CLOTH MASKING TAPE**

Has many uses in aircraft maintenance work. Strip over sharp corners under fabric. Strips on parts under coated fabric will prevent fabric from sticking to parts. Pressure-sensitive adhesive backing. Easily applied, easily removed. Leaves no residue. Should not be applied below 32°F. 1” x 50 Yd. Roll ................. P/N 09-17100

**COTTON REINFORCING TAPES**

<table>
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<tr>
<th>Tape Name</th>
<th>Part No.</th>
<th>Size</th>
<th>Price/Roll</th>
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<tbody>
<tr>
<td>DDD-T-66F</td>
<td></td>
<td>1/2” x 30 Yds.</td>
<td>09-17200</td>
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</table>

**THREADS & CORDS**

Only synthetic threads and rib facing cords should be used with DACron covering to insure uniform strength. Waxed linen rib cord conforms to specification MIL-C-2520A, Type I.

<table>
<thead>
<tr>
<th>Material</th>
<th>Quantity</th>
<th>Part No.</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>DACron Machine Sewing Thread</td>
<td>500 Yds</td>
<td>09-03200</td>
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<tr>
<td>DACron Hand Sewing Thread</td>
<td>250 Yds</td>
<td>09-04200</td>
<td></td>
</tr>
</tbody>
</table>

**FAB-TAC FABRIC CEMENT**

A superior quality cement for strong splice joints. Use to cement tapes, rings and grommets to fabric cover. 1 Pint .......... P/N 09-17800

**CLOTH BACK TAPE**

Advantages:
- Save TIME with easy installation
- Save OPERATING COSTS with improved energy efficiency
- Save REPAIR COSTS with long lasting quality at high temp
- Save ON PRICE with quantity discounts

**CHARACTERISTICS**

<table>
<thead>
<tr>
<th>Type</th>
<th>Width</th>
<th>Thickness</th>
<th>Roll Length</th>
<th>Part No.</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>1”</td>
<td>Thickness</td>
<td>- Plain</td>
<td>2”</td>
<td>125”</td>
<td>100 ft.</td>
</tr>
<tr>
<td>1”</td>
<td>Thickness</td>
<td>- Vermiculite Coated</td>
<td>2”</td>
<td>.125”</td>
<td>100 ft.</td>
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</tbody>
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**SOLDERING IRON**

Use to melt drain holes and inspection rings in polyester fabric. 35 Watt, 900°F tip. Tip is replaceable & long life coated. P/N 09-37430

**HEAVY-DUTY HEAT GUN**

This soft air velocity of this heat gun increases the surface temperature to the required working temperature much faster than conventional heat guns and maintains a higher temperature for faster completion of the application. Features double insulation, two temperature selections of 570°F and 1000°F, and a unique impact resistant heating element. Operates on 120V AC at 11.6 amps. Air volume 14.8 cu. ft. per minute. Wt. 1-1/2 lbs.
P/N 09-00354

**DELUXE HEAT GUN**

This handy tool gives you a fast, drumtight, mirror smooth finish. It’s ideal for heat-shrinkable covering films. Get a professional finish with less time and effort. 1-year warranty.
P/N 09-37500

**POCKET THERMOMETER**

This Pocket thermometer can eliminate 80% of your iron-on covering problems. These problems are caused by your iron’s temperature varying as much as 60° while in use, which causes bubbles and sags. If you are using an iron other than Black Baron, this thermometer is a must in monitoring iron temperatures.
P/N 12-00527

**PINKING SHEARS**

Hot drop-forged of fine cutlery steel. Precision matched teeth. Ball bearing pivot reduces friction and finger fatigue. Length 9”.
Right handed
P/N 09-00355

**STEWART SYSTEMS EKOBOND**

Stewart Systems Ekobond EkoBond is a revolutionary water based cement for the application of fabric. Ekobond has extreme bond strength for fabric to fabric and fabric to non-fabric surfaces in both peel and shear tests. Ekobond is very user friendly since it has very little odor and can be used in a closed shop with no health or fire hazards. Ekobond dries quickly and will adhere primers or enamel paints. Ekobond is non-flammable and environmentally friendly. Available in Quarts & Gallons

<table>
<thead>
<tr>
<th>Type</th>
<th>Quarts</th>
<th>Gallons</th>
</tr>
</thead>
<tbody>
<tr>
<td>P/N 09-41195</td>
<td></td>
<td></td>
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<tr>
<td>P/N 09-41200</td>
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</table>
PTI SPECIALTY PAINTS

PTI Specialty Paint & Coatings exclusively from Aircraft Spruce & Specialty Co. are featured in space, aerospace and aviation applications throughout the world -- the Space Shuttle and Space Station projects, the Patriot and Stinger missile projects and in refurbishing of landing gear for commercial aircraft. Now, Aircraft Spruce brings PTI products to General and Sport Aviation. See PTI Paint Products at www.aircraftspruce.com

SOLVENTS, REMOVERS, & REDUCERS

PTI-MEK is virgin (not recycled) MEK that may be used to clean and prepare the substrate for painting. PTI-MEK may also be used for cleans, brushes, paint guns and other painting tools. PTI-Acetone is virgin (not recycled) Acetone that may be used to remove lacquer finishes, for cleanup after painting, and to soften lacquers or acrylics that set up in spray guns or hoses. Acetone is not effective on urethanes and should not be used. Use MEK for cleanup on urethane products. Use only virgin acetone. Recycled acetone can damage virtually anything to which it is applied. PTI-PRB paint remover is a non-toxic paint stripper designed for removing urethane and other paint systems. Contains no halogenated solvents, pheno, heavy metals or other toxic materials. It clings to vertical, inclined and overhead surfaces and is slow drying for a long reaction time. PTI-PRB is also free rinsing and it’s surfactants are biodegradable. The remover is safe on all aircraft structural metals including high strength steel, mild steel, cadmium, aluminium, magnesium and copper alloys. The surfactants on this stripper are biodegradable. PTI-PRY conforms to the following specifications: Boeing-D6-17487, Douglas CSD-1, T.O. 1-1-8, MIL-R-81428, Type I & II (partial testing) and AMS 1375B (partial testing). PTI-PRY paint remover is a high performing stripper for removing urethanes, epoxies, primers and enamels. In addition to the fact that it is effective, PTI-PRY clings to vertical, inclined and overhead surfaces and is suitable for indoor use. This product is safe on most aircraft structural metals including high strength steel, mild steel, cadmium, aluminium, magnesium and copper alloys. The surfactants on this stripper are biodegradable. PTI-PRY conforms to the following specifications: Boeing-D6-17487, Douglas CSD-1, T.O. 1-1-8, MIL-R-81428, Type I & II (partial testing) and AMS 1375B (partial testing). PTI-PRY is a reducer specially formulated to compliment the PTI Epoxy primer.

PTI COMPLETE SPECIALTY PAINT SYSTEM

Note: Strong professional recommendation – These products have been specifically formulated to work together. So, while PTI’s polyurethane will work with other primers and PTI’s primers will work with other topcoats, maximum adhesion, durability and performance is achieved when these products are applied as a system. To Purchase Your Specialty Paint System Simply tell us the make and model of your aircraft, and the Federal 595 Color -- see chart on our website at: www.aircraftspruce.com Need a custom color that is not on the chart? – Ask us, we can help you with that too.

PTI EPOXY PRIMER

PTI’s Epoxy Primer is a low VOC (volatile organic compounds) epoxy polysamide solvent primer which conforms to the military specification MIL-P-23377 Rev. E. This formulation has been tested by the U.S. Government and is on the Federal Government’s “Qualified Products List.” This coating is highly recommended for use on aluminum and all plated or unplated metallic surfaces to insure maximum protection against corrosion. This primer may be used as an interior or exterior primer that insures maximum adhesion of any paint or lacquer finish coat. In laboratory tests, PTI’s epoxy primer maintained its integrity when subjected to the following chemical and other resistance properties: Lubricating Oil 24 hr immersion @ 250F – No defects Full Chemical Resistance after 7 days Hydraulic Fluid 24hr immersion @ 150F – No defects Salt Spray per ASTM B117-1000+ Hrs Methyl Ethyl Ketone-Soaked Cloth 100+rubs – Passes Humidity (Filiform) – 1000+ Methyl Ethyl Ketone-Soaked Cloth 100+rubs – Passes Humidity (Filiform) – 1000+ Methyl Ethyl Ketone-Soaked Cloth 100+rubs – Passes Humidity (Filiform) – 1000+ Methyl Ethyl Ketone-Soaked Cloth 100+rubs – Passes Humidity (Filiform) – 1000+ Methyl Ethyl Ketone-Soaked Cloth 100+rubs – Passes Humidity (Filiform) – 1000+ Methyl Ethyl Ketone-Soaked Cloth 100+rubs – Passes Humidity (Filiform) – 1000+ Methyl Ethyl Ketone-Soaked Cloth 100+rubs – Passes Humidity (Filiform) – 1000+ Methyl Ethyl Ketone-Soaked Cloth 100+rubs – Passes Humidity (Filiform) – 1000+ Methyl Ethyl Ketone-Soaked Cloth 100+rubs – Passes Humidity (Filiform) – 1000+ Methyl Ethyl Ketone-Soaked Cloth 100+rubs – Passes Humidity (Filiform) – 1000+ Methyl Ethyl Ketone-Soaked Cloth 100+rubs – Passes Humidity (Filiform) – 1000+ Methyl Ethyl Ketone-Soaked Cloth 100+rubs – Passes Humidity (Filiform) – 1000+ Methyl Ethyl Ketone-Soaked Cloth 100+rubs – Passes Humidity (Filiform) – 1000+ Methyl Ethyl Ketone-Soaked Cloth 100+rubs – Passes Humidity (Filiform) – 1000+ Methyl Ethyl Ketone-Soaked Cloth 100+rubs – Passes Humidity (Filiform) – 1000+. ZINC CHROMATE PRIMER

PTI’s Zinc Chromate Primer is formulated to exceed the performance standards in the Federal Specification TT-P-1757. This primer promotes maximum adhesion to bare aluminum and steel and is recommended for that purpose. PTI’s zinc chromate primer is a formulation proven to perform.

ACID ETCH PRIMER

PTI’s Air Dry Wash Primer is a polyvinyl butyral zinc chromate formulation that may be used to prime all plain or plated metallic surfaces. Priming surfaces with this primer will ensure maximum adhesion of all bake or air-dry finish coats (including lacquer finish coats). The finely ground emulsions of zinc chromate, resins and phosphoric acid hardeners are virtually non-settling. Once applied, PTI’s Air Dry Wash Primer requires no sanding. For the best results follow the instructions on the technical data sheet. This primer exceeds the performance standards in Department of Defense specification (DOD) 15328 and Military Specification MIL-8514.

PTI SANDABLE PRIMER

PTI SANDABLE PRIMER is a two component epoxy based primer. PTI-573 is capable of filling small holes and imperfections before topcoating. PTI-573 provides a smooth, sandable base coat that improves the adhesion and appearance of the topcoat. Because of PTI-573’s unique formula, this primer also provides excellent rust and corrosion protection. This sandable primer is compatible with PTI’s epoxy (PT-426F series) and Polyurethane (PT-785 and PT-799 series) topcoats.
SALT SPRAY 1,000 hours minimum. Spray: Saturated Salt Spray 1,000 (17925) 514. Flexibility: 1/4" Mandrel - Passes. Salt Spray: Saturated admixed and reduced (17925) 10.2 lbs./gal. Hardness: Pencil Hardness admixed & reduced (17925) 65% by weight. Weight: Weight per gallon - Custom colors are available upon request. Viscosity: Admixed and most Federal Standard number 595B (FS#) colors or glosses.

Curing:
- Ply please notify your sales rep.
- Air Cure-Set to Touch: 4 hrs. maximum.
- Dry Hard: 8 hrs. maximum.
- Full Chemical Cure: 7 days minimum.
- Force Cure: Dry Hard: 15 minutes air, then 2 hrs. at 225° F. Full Cure (After Dry Hard) 2 hrs. at 225° F.

Polyurethane is available in clear, white, blacks, grays and most Federal Standard number 595B (FS#) colors or glosses. Custom colors are available upon request. Viscosity: Admixed and most Federal Standard number 595B (FS#) colors or glosses.

PTI SPECIALTY PAINTS

POLYURETHANE/CATALYST CURE:
- Toxicity: PTI Polyurethane contains no substance of known toxicity under normal conditions of usage. Colors: The Polyurethane is available in clear, white, blacks, grays and mustard Federal Standard number 595B (FS#) colors or glosses. Custom colors are available upon request. Viscosity: Admixed and most Federal Standard number 595B (FS#) colors or glosses.

For PTI Polyurethane:
- Qt. Size add -13 after the Part No.
- Gal. Size add -14 after the Part No.
- Qt. Size add -23 after the Part No.
- Gal. Size add -24 after the Part No.

HOW TO ORDER:
- For PTI Polyurethane:
- For PTI Enamel:

<table>
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<tbody>
<tr>
<td>Boston Maroon</td>
<td>09-10049</td>
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<td>Ellsore Brown</td>
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<td>Tennessee Red</td>
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POLYURETHANE PAINTS REQUIRE CATALYST TO CURE!
Note: Polyurethane requires catalyst and the system will add the required amount automatically. If you currently have an adequate supply please notify your sales rep.

Coating: Air Cure-Set to Touch: 4 hrs. maximum Dry Hard: 8 hrs. maximum. Full Chemical Cure: 7 days minimum. Force Cure: Dry Hard: 15 minutes air, then 2 hrs. at 225° F. Full Cure (After Dry Hard) 2 hrs. at 225° F.

ESTIMATED QUANTITIES

<table>
<thead>
<tr>
<th>Description</th>
<th>Size</th>
<th>PN</th>
<th>Price</th>
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<tr>
<td>Polyurethane Catalyst</td>
<td>Gal</td>
<td>09-01256</td>
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<td>Polyurethane Catalyst</td>
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<td>Polyurethane Thinner</td>
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PTI POLYKICK™
Other products used with:
- Use only with PTI Polyurethanes
- Typical Uses: PTI PolyKick is formulated to accelerate the cure time for PTI’s polyurethane formulations.
- PTI Poly Kick Quart: 09-01610
- PTI Poly Kick Gallon: 09-01611

PTI POLYURETHANE PAINT KIT
This kit will provide all the materials needed to paint any RV or similar size aircraft.

- Additional colors are available upon request, for an additional cost.

PTI COLOR CHART

<table>
<thead>
<tr>
<th>STRIPPER</th>
<th>WASH PRIMER</th>
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<tbody>
<tr>
<td>Small Plane: 3-5 gallons</td>
<td>Medium Plane: 9-10 gallons</td>
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<tr>
<td>Large Plane: 18-25 gallons</td>
<td>Large Plane: 9-10 gallons Extra Large: 55 gallons</td>
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<table>
<thead>
<tr>
<th>PRIMER</th>
<th>TOPCOAT</th>
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<tbody>
<tr>
<td>Small Plane: 3-4 gallons</td>
<td>Medium Plane: 10-11 gallons</td>
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<tr>
<td>Medium Plane: 10-11 gallons</td>
<td>Large Plane: 22-24 gallons Extra Large: 75-80 Gallon</td>
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<table>
<thead>
<tr>
<th>PLANE SIZE</th>
<th>PTI RECOMMENDED</th>
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</thead>
<tbody>
<tr>
<td>Small Plane: Cessna, Beechcraft</td>
<td>Medium Plane: Lear Jet, Gulfstream</td>
</tr>
<tr>
<td>Medium Plane: Lear Jet, Gulfstream</td>
<td>Large Plane: Commerical Embraser Commuter</td>
</tr>
<tr>
<td>Extra Large Plane: Airbus, 747</td>
<td></td>
</tr>
</tbody>
</table>

PAINT & REDUCERS

CROSS REFERENCE CHART

Coating System | Solvent/Reducer |
----------------|-----------------|
Zinc Chromate & Zinc Oxide Primers | 1022X66
| Gallon P/N 09-090954 Quad P/N 09-00956 |
Epoxy Primer | PT-1003 TY 2
| Gallon P/N 09-090936 Quad P/N 09-00957 |
Acid Etch Primer | Toluene
| Gallon P/N 09-090950 Quad P/N 09-00951 |
Polyurethanes | PT-1003 TY 1
| Gallon P/N 09-090168 Quad P/N 09-01657 |

ALL POLYURETHANE PAINTS REQUIRE CATALYST TO CURE!

Note: Polyurethane requires catalyst and the system will add the required amount automatically. If you currently have an adequate supply please notify your sales rep.

Curing:
- Air Cure-Set to Touch: 4 hrs. maximum Dry Hard: 8 hrs. maximum. Full Chemical Cure: 7 days minimum. Force Cure: Dry Hard: 15 minutes air, then 2 hrs. at 225° F. Full Cure (After Dry Hard) 2 hrs. at 225° F.
Certified Coatings, located in Los Angeles, has been manufacturing aircraft dopes, thinners and special products for the aircraft industry for 50 years. It is a small company making good quality, high-solids dopes, very competitively priced. Since their products are made locally, we enjoy a tremendous saving in delivery costs which is reflected in the pricing as well. We have handled their line for many years with complete customer satisfaction.

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### DOPES, THINNERS, AND SOLVENTS

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<td>Nitrate Dope, Clear</td>
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<td>09-09600</td>
<td>09-09600</td>
<td>09-09700</td>
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<tr>
<td>Nitrate Dope, Blue Tint</td>
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<td>09-09100</td>
<td>09-09200</td>
<td>09-09300</td>
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<tr>
<td>Nitrate Dope, Clear, Non-Tautening</td>
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<td>09-10000</td>
<td>09-10100</td>
<td>09-10200</td>
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<td>Butyrate Dope, Clear</td>
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<td>09-10500</td>
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<td>09-10700</td>
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<td>09-11000</td>
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<td>09-13800</td>
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<td>Toluene</td>
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<td>09-14200</td>
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*Add 5% to 10%, as needed, of this blend of fast-cutting, high-boiling solvents to prevent dope blushing under conditions of high humidity. Also improves flow by slowing drying time.

Certified Coatings offers only a limited number of colors in butyrate dope which have been selected as standards. The colors will match as closely as possible the corresponding color on the Randolph selection card reproduced in this catalog.

### CERTIFIED COATINGS SPECIAL SOLVENTS

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<tr>
<td>MEK</td>
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<td>13800</td>
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<td>Toluene Paint Remover</td>
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### CERTIFIED COATINGS COLORED BUTYRATE DOPE

To Order: Use Product # plus “QT” for Qt., “1G” for Gal. and “5G” for 5 Gal.

<table>
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<th>Color</th>
<th>Certified Coatings</th>
<th>Randolph Equivalent</th>
<th>Color</th>
<th>Certified Coatings</th>
<th>Randolph Equivalent</th>
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<tr>
<td>#8125</td>
<td>Daytona White</td>
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<td>#8124</td>
<td>Insignia Blue</td>
<td>Castilian Red</td>
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<td>8415</td>
<td>Juneau White</td>
<td>Juneau White</td>
<td>#8350</td>
<td>Insignia Red</td>
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<td>8522</td>
<td>Cub Yellow</td>
<td>Cessna Wildcat Yellow</td>
<td>#8120</td>
<td>Plain White</td>
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<td>#8529</td>
<td>Chrome Yellow</td>
<td>Baja Yellow</td>
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**Non-Tautening Butyrate Dope - Red Tint**

Tinted enough to see where you are spraying. Three sizes available.

Quarts.............. P/N 09-02175 .................

Gallon............. P/N 09-02176.................

5 Gallon .........P/N 09-02177.................

**Certif-Fill Silver**

This non-tautening butyrate UV barrier can be sprayed or brushed over nitrate or butyrate coatings for optimum ultra-violet ray protection.

Quart ............... P/N 09-12300 .................

Gallon .............. P/N 09-12310 .................

5 Gallon ............ P/N 09-12320 .................

**Sure Seam Fabric Cement**

Sure Seam is a high quality, high tack fabric cement which has excellent bonding properties.

Quart ............... P/N 09-13330 .................

Gallon .............. P/N 09-13340 .................

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FAA/PMA

In January 2005, Certified Coatings Products received FAA-PMA (Federal Aviation Administration Parts Manufacturing Approval) for use on Ceconite fabric. The products have always been approved for use on any other fabric. (PMA##PQ2435NM)
210 NITRATE DOPE, TAUTENING, CLEAR, HI-SOLIDS
Used only on Grade A Cotton or Irish Linen. A premium high solids nitrate dope that tightens natural fabric as it dries. Not for use on Ceconite or heat-shrunk synthetic fabrics. Thin 1:1 w/286 Nitrate Thinner.
- Quart .................. P/N 210-QT
- Gallon ............... P/N 210-1G
- 5 Gallons.......... P/N 210-5G

W-7868 NITRATE DOPE, TINTED, NON-TAUTENING (BLUE)
- Quart .................. P/N W-7868-QT
- Gallon ............... P/N W-7868-1G
- 5 Gallons.......... P/N W-7868-5G

E-4964 NITRATE DOPE, CLEAR, NON-TAUTENING
Initial coating for Ceconite or heat shrink polyester fabric. For use on open cockpit aircraft where tinted dope is not desired. Thin 1:1 w/286 Nitrate Thinner.
- Quart .................. P/N E-4964-QT
- Gallon ............... P/N E-4964-1G
- 5 Gallons.......... P/N E-4964-5G

G-6302 RAND-O-PROOF NITRATE DOPE (GREEN)
Special formulation of nitrate dope and additives for the initial coat on the Ceconite/Randolph system. Thin 1:1 with 286 Nitrate Thinner.
- Quart .................. P/N G-6302-QT
- Gallon ............... P/N G-6302-1G
- 5 Gallons.......... P/N 09-01017

286 NITRATE THINNER
Used 1:1 to thin nitrate dopes & Rand-OProof. Thin as needed with Butyrate Thinner.
- Quart .................. P/N 286-QT
- Gallon ............... P/N 286-1G
- 5 Gallons.......... P/N 286-5G

9701 BUTYRATE DOPE, TAUTENING, CLEAR
Used only on Grade A Cotton or Irish Linen to tighten the fabric as it dries. Not for use on Ceconite or heat-shrunk synthetic fabrics. Thin 1:1 with 9703 Butyrate Thinner.
- Quart .................. P/N 9701-QT
- Gallon ............... P/N 9701-1G
- 5 Gallons.......... P/N 9701-5G

W-8350 BUTYRATE DOPE TINTED, NON-TAUTENING (TAN)
This non-taughtening butyrate dope features an increased level of plasticizer and will not shrink excessively. Takes longer to dry than standard butyrates. Tinted Light Tan But Dries Clear. Recommended initial build butyrate coating to follow Rand-OProof in the Ceconite/Randolph system. Thin 1:1 with 9703 Butyrate Thinner.
- Quart .................. P/N 09-00788
- Gallon ............... P/N 09-00789

This non-taughtening butyrate dope features an increased level of plasticizer and will not shrink excessively. Takes longer to dry than standard butyrates. Tinted Light Tan But Dries Clear. Recommended initial build butyrate coating to follow Rand-OProof in the Ceconite/Randolph system. Thin 1:1 with 9703 Butyrate Thinner.
- Quart .................. P/N 09-00788
- Gallon ............... P/N 09-00789

RANDOLPH AIRCRAFT COATINGS
Randolph coatings are the FAA-approved coatings for the Ceconite STC covering process.

J3000 BUTYSOLV REJUVENATOR
Used to soften older dope coatings which exhibit cracking or ring-worming. Restores plasticizers in aged finishes to add flexibility. Only works on aircraft painted with butyrate dope; will not work on polyurethane topcoat finishes.
- Quart .................. P/N 09-14505
- Gallon ............... P/N 09-14510
- 5 Gallons.......... P/N 09-14515

G-6303 RAND-O-FILL BUTYRATE (SILVER)
Rand-O-Fill-G-6303 is a non-taughtening butyrate material designed as the aluminum spray coat over Rand-OpProof G-6302, over Nitrate Clear Dope or Butyrate Clear Dope. Allow to dry. Wet sand to desired smoothness. Wash and allow surface to completely dry before applying following coat. Thin as needed with Butyrate Thinner.
- Quart .................. P/N G-6303-QT
- Gallon ............... P/N 09-01018
- 5 Gallons.......... P/N 09-01019

701 ALUMINUM PASTE
A fine mesh paste which is easier to use than powder. Mix 4 oz. by weight of paste to one gallon of clear butyrate dope before thinning.
- 1 lb. .................. P/N 09-14500

9703 BUTYRATE THINNER
Used 1:1 to thin butyrate dopes & pigmented butyrate colors.
- Quart .................. P/N 9703-QT
- Gallon ............... P/N 9703-1G
- 5 Gallons.......... P/N 9703-5G

Y-9910 UNIVERSAL RETARDER
Prevents blush in nitrate and butyrate products. Also used to slow nitrate and butyrate drying in high temperatures.
- Quart .................. P/N Y-9910-QT
- Gallon ............... P/N 09-01048
- 5 Gallons.......... P/N 09-01049

A-1690 BUTYRATE DOPE, NON-TAUTENING (CLEAR)
For use as a base coat after E-4964 Non-Tautening Nitrate (Clear) on open cockpit aircraft where tinted dope is not desired. Thin 1:1 with 9703 Butyrate Thinner.
- Quart .................. P/N 09-00817
- Gallon ............... P/N 09-00818
- 5 Gallons.......... P/N 09-00819

MATERIAL REQUIREMENTS FOR AVERAGE SIZE AIRPLANE USING RANDOLPH FINISHES AND CECONITE FABRIC

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
<th>Description</th>
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<tr>
<td>J-3000 Butyrate Rejuvenator</td>
<td></td>
<td>5 gal. Nitrate Thinner</td>
</tr>
<tr>
<td>A-1690 Butyrate Dope, Non-Tautening (Clear)</td>
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<td>5 gal. Nitrate Thinner</td>
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<tr>
<td>10 gal. Rand-O-Fill</td>
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<td>10 gal. Nitrate Thinner</td>
</tr>
<tr>
<td>3 gal. Universal Finishing Retarder</td>
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<td>3 gal. Nitrate Thinner</td>
</tr>
<tr>
<td>13 ft. Ceconite Rib Lacing Cord</td>
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<td>13 ft. Ceconite Rib Lacing Cord</td>
</tr>
<tr>
<td>2 lbs. Plastic Drill Grommets</td>
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<td>2 lbs. Plastic Drill Grommets</td>
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<tr>
<td>45 yds. 70” Ceconite 102</td>
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<td>45 yds. 70” Ceconite 102</td>
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<tr>
<td>50 lbs. Nitrate Thinner</td>
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<td>100 gal. Butyrate Thinner</td>
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TOTAL (Estimate).......................... $3,500

RANDOLPH FLOAT LACQUER
This specialty product is used as a spray on the bottom of aluminum floats on amphibious aircraft to protect them from marine growth. Reduce with Randolph 286 Nitrate Thinner.
- Qt .................. P/N 09-00830
- Gallon ............... P/N 09-00831
- 5 Gal .................. P/N 09-00832

RANDOLPH ACID-PROOF BATTERY BOX BLACK PAINT #345
Battery Box Black Paint is an asphaltic coating used to provide protection from battery acid in battery boxes and compartments. It is generally applied with a brush or roller to any metal area that may be exposed to leaking battery acid. Shelf life: Guaranteed 2 years from date on manufacturer's label. Usage: Apply with a brush. Three coats will provide the best possible protection to epoxy primed metal surfaces. Qt .................. P/N 344-QT
**RANDOLPH COLOR PRODUCTS**

**RANDOLPH COLORED NON-TAUTENING BUTYRATE DOPE** - The final color coat applied over fabric in the Cecoite/Randolph system. Available in 50 standard colors. Thin one to one with 9703 Butyrate Thinner. One thinned gallon covers approximately 200 sq ft with one coat.

**RANTHANE POLYURETHANE FINISH**

Randthane is a low viscosity, very high solids polyurethane material resulting in low film weight providing a lasting high gloss. Will withstand most chemicals, engine oils, and hydraulic fluids. Has superb adhesion and abrasion resistance as well as high temperature resistance. For fabric and primed metal.

**RANTHANE HIGH SOLIDS CATALYST**

Use w/ High Solid Polyurethane

<table>
<thead>
<tr>
<th>qt.</th>
<th>P/N 09-00400</th>
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**RANTHANE ACCELERATOR** - Use with Metal paint.

<table>
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</table>

**RANTHANE REDUCER** - The FAA has approved the use of Ranthane over Poly-Fiber. To order Ranthane colors, please specify Randolph color on chart and request quart or gallon.

**NOTE:** Randolph paints are now manufactured by Consolidated Coatings and will not exact match old Randolph colors. If you are ordering to match old Randolph colors, please provide a sample paint that can be matched by the factory.

**MARK II FOR METAL (NOT FOR USE ON FABRIC)**

A tough, long-lasting, two-part topcoat paint catalyzed with a non-isocyanate catalyst. Supplied air respirator not required when spraying. Available in same 50 colors as Colored Butyrate Dope and Ranthane for use over primed metal or composite parts. Mix 1:1 with Mark II Mixing Liquid.

**MARK II MIXING LIQUID** - Combination of catalyst and thinner to be used with Mark II for Metal paint.

<table>
<thead>
<tr>
<th>qt.</th>
<th>P/N 09-02193</th>
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**MARK II THINNER** - Used as needed to thin Mark II for Metal after combining with Mark II Mixing Liquid to increase flow out.

<table>
<thead>
<tr>
<th>pt.</th>
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</thead>
</table>

**FAST-DRY ENGINE ENAMELS**

Formulated to be heat resistant and maintain good gloss and color retention. For use in the painting of engine crank cases and cylinders, after major overhaul or for general maintenance. Can also be used on engine mounts and supports. Service temperature is 300-350 degrees F. Reduction: Thin to correct spray viscosity with #257 Enamel Thinner (approximately 20% reduction). Application: Spray two coats. Allow to dry to the touch between coats.

**COLORS**

<table>
<thead>
<tr>
<th>Color</th>
<th>Part No.</th>
<th>Price</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
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<td>303-OT</td>
<td>303-1G</td>
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<td>D-5973 Continental Gold</td>
<td>D-5973-EQ</td>
<td>D-5973-EQ</td>
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<tr>
<td>G-5436 Lycoming Gray</td>
<td>G-5436-EQ</td>
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</table>

**RANDOLPH ENAMEL THINNER**

Fast drying thinner for use with Randolph Aircraft Enamels and Fast Dry engine Enamels.

<table>
<thead>
<tr>
<th>qt.</th>
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</thead>
</table>

**PAINT VISCOSITY CUPS**

A precision tool to accurately measure paint viscosity when spraying automotive and aircraft finishes. Consists of a nylon cup with a precisely sized small hole in the bottom. As paint flows through the hole, time the rate of flow. Adjust viscosity by adding thinner as required to produce recommended flow for product being used.

| P/N 01-25400 |

---

**RANDOLPH COLOR SELECTIONS AN PRICES**

<table>
<thead>
<tr>
<th>COLORS</th>
<th>BUTYRATE</th>
<th>Mark II</th>
</tr>
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<tr>
<td></td>
<td>For Fabric Only</td>
<td>For Metal Only</td>
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<tr>
<td></td>
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<td>Gals.</td>
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<tr>
<td>Reds</td>
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<tr>
<td>B-3534 Madrid Red</td>
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<tr>
<td>M-9522 Tennessee Red</td>
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<tr>
<td>M-9530 Vermillion Red</td>
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<tr>
<td>W-3665 Pontiac Red</td>
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<tr>
<td>I-9555 Cadillac Red</td>
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<tr>
<td>H-9130 Santa Fe Red</td>
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<tr>
<td>X-5688 Boston Manor*</td>
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<td>X-5749 Stinson Manor</td>
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<td>M-9526 Cruiser Orange</td>
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<td>C-2065 Ocala Orange</td>
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<tr>
<td>E-6427 Aeronca 7AC Yellow</td>
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<tr>
<td>M-9512 Lemon Yellow</td>
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<td>M-9501 AN Orange Yellow</td>
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<td>F-6285 Cub I-3 Yellow</td>
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<td>M-9521 Lock Haven Yellow</td>
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<td>Y-5783 Dallas Yellow*</td>
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<td>Y-9270 Ag Cat Yellow</td>
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<td>N-3353 Federal Yellow</td>
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<td>F-2406 Federal Green</td>
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<td>F-5830 Montego Green*</td>
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<tr>
<td>Y-6350 Forest Green*</td>
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<tr>
<td>W-3554 Lakeland Blue</td>
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<tr>
<td>W-9506 AN True Blue</td>
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<tr>
<td>H-9170 Bahama Blue</td>
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<td>X-5700 Miami Blue</td>
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<td>M-9502 Insignia Blue</td>
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<td>Z-7245 Sun Valley Ivory</td>
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<tr>
<td>M-9518 Diana Cream</td>
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<tr>
<td>X-5260 Tucson Cream*</td>
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<tr>
<td>O-1050 New Insignia White</td>
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<tr>
<td>W-9170 Tropic White</td>
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<td>K-7641 Vestal White</td>
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<td>B-4243 J unione White</td>
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<td>J-9545 Daytona White</td>
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<td>Q-1916 RandolphWhite</td>
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<tr>
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<td>Y-9775 Hickory Brown</td>
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<td>P-8600 Cessna Tiger Orange</td>
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<td>W-8430 Newport Blue*</td>
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<td>M-9514 Silver</td>
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<td>B-9916 Reno Gold</td>
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**How to Order:** Use these dash #s to complete Randolph color part #: Butyrate: Qt. - BQ, Gallons - BG; Example: P-8599-BG
3M™ ABRASIVES

### 3M™ STIKIT™ DISC PAD 05575
For use with 5 diameter Stikit™ Discs. Has medium density foam and a 45° tapered edge for flexibility. These lightweight, shock-resistant pads have a vinyl face (blue) that provides excellent disc adhesion yet allows quick, easy removal.

<table>
<thead>
<tr>
<th>Color</th>
<th>Style #</th>
<th>Grade</th>
<th>Size</th>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
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### 3M™ STIKIT™ DISC PAPER DISC ROLL 236U

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<td>5&quot; x NH</td>
<td>250</td>
<td>09-01447</td>
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### 3M™ SCOTCH-BRITE™ CLEAN AND FINISH
Flexible web for finishing, blending, and polishing. Conformable for access to hard-to-reach areas. Great for general use on a variety of materials. Use manually or on an in-line sander.

### 3M™ SCOTCH-BRITE™ ROLOC™ DISC PAD ASSEMBLY
Rubber backup pads available in different degrees of hardness for varying grinding applications. Backup pad designed to support 3M™ Roloc™ abrasive discs. This pad has a ~20 INT thread which allows it to be mounted directly to tools with ~20 EXT threaded shaft or the included 1/4" diameter shank that fits 1/4" collet chucks or drill chucks.

### 3M™ SCOTCH-BRITE™ TR EXL UNITIZED WHEEL
High performance and durability for deburring and finishing applications. A threaded attachment system secures the disc to the holder.

### 3M™ SCOTCH-BRITE™ BRISTLE DISC
Brush-like bristle disc removes coarse coatings from the large, open areas of a work piece. Works on right angle tools quickly and easily with little or no pressure.

---

*Conversion Table*

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<th>Size</th>
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*Table of Specifications*

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<td>3&quot; MED</td>
<td>2A</td>
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<td>3&quot; MED</td>
<td>2A</td>
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*Table of Specifications*

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<tbody>
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<td>2&quot; 5/8&quot;</td>
<td>Tapered 80 G R E D E</td>
<td>09-01519</td>
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### 3M™ GREEN CORPS™ CUT OFF WHEEL

Wheel is designed to provide high cut rates and long life on most all materials including fiberglass, stainless steel, mild steel and aerospace alloys. Ideal for use on a wide variety of utility type cut off tools. Do not use on tools without guards.

<table>
<thead>
<tr>
<th>ID</th>
<th>Size</th>
<th>Part No.</th>
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</thead>
<tbody>
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<td>01986</td>
<td>4” x 0.020” x 1/2”</td>
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<td>01994</td>
<td>3” x 0.030” x 1/2”</td>
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<td>82386</td>
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<td>83486</td>
<td>4” x 0.030” x 1/4”</td>
<td>09-01571</td>
<td></td>
</tr>
<tr>
<td>88755</td>
<td>4” x 0.030” x 1/4”</td>
<td>09-01580</td>
<td></td>
</tr>
<tr>
<td>01986</td>
<td>5 Pack 3” x 0.019” x 1/2”</td>
<td>09-01523</td>
<td></td>
</tr>
</tbody>
</table>

### 3M™ FLEXIBLE SANDING PADS

Use for either dry or wet sanding. Rinse and reuse. Ideal for sanding wood, paint, metal, plastic and drywall. Conformable, comfortable, flexible and convenient. Available in fine or medium grade with abrasive on two sides.

<table>
<thead>
<tr>
<th>Size</th>
<th>Description</th>
<th>Color</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>4-3/4” x 4-3/4” x 1/2”</td>
<td>Fine</td>
<td>Gray</td>
<td>09-01419</td>
<td></td>
</tr>
<tr>
<td>4-3/4” x 4-3/4” x 1/2”</td>
<td>Medium</td>
<td>Gray</td>
<td>09-01418</td>
<td></td>
</tr>
</tbody>
</table>

### 3M™ FOAMFAST 74 SPRAY ADHESIVE

For bonding flexible urethane or latex foam together or to many other materials like wood, metal, and non-vinyl plastics. 24 oz. Can. Orange in color. P/N 09-01394

<table>
<thead>
<tr>
<th>Size</th>
<th>Color</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.7 oz</td>
<td>Gray</td>
<td>09-01403</td>
<td></td>
</tr>
<tr>
<td>1.7 oz</td>
<td>Translucent</td>
<td>09-01402</td>
<td></td>
</tr>
</tbody>
</table>

### 3M™ POLYSTYRENE FOAM INSULATION 78

3M™ Polystyrene Foam Insulation 78 Spray Adhesive is a high solids aerosol. Adjustable lance spray minimizes overspray and cleanup. Ideal for attaching fiberglass, expanded polyisocyanate and extruded polystyrene foam insulation. Effective up to 140°F. 24 oz. Can, clear in color. P/N 09-01378

<table>
<thead>
<tr>
<th>Size</th>
<th>Color</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.7 oz</td>
<td>Gray</td>
<td>09-01377</td>
<td></td>
</tr>
</tbody>
</table>

### 3M™ REPOSITIONABLE 75 SPRAY ADHESIVE

This adhesive provides tape-like bonds on many lightweight materials. It adheres in seconds, yet has an extra-long tack range that allows you to lift and reposition materials. 16 oz. Can. P/N 09-01377

<table>
<thead>
<tr>
<th>Size</th>
<th>Color</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 oz</td>
<td>Gray</td>
<td>09-01377</td>
<td></td>
</tr>
</tbody>
</table>

### 3M™ RUBBER AND VINYL 80 ADHESIVE

First true contact adhesive in aerosol form. It has exceptional resistance to plasticizing oils. Bonds rubber and supported vinyls better than many typical bulk neoprene contact adhesives. 24 oz. Can. P/N 09-01396

### 3M™ SCOTCH-WELD™ URETHANE ADHESIVE DP601/ DP601NS

3M™ Scotch-Weld™ DP601 is a self-leveling, gray, rapid setting, two-component polyurethane adhesive. It is packaged as a 1:1 ratio liquids in duo-pak cartridges. With the squeeze of the trigger, the components are automatically mixed and easily dispensed as a bubble-free liquid. DP601NS is the same as the DP601 except it is a non-sag, gray, rapid setting, two-component polyurethane adhesive.

<table>
<thead>
<tr>
<th>Description</th>
<th>Size</th>
<th>Color</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>DP601 (Self-leveling)</td>
<td>12 oz</td>
<td>Gray</td>
<td>09-01413</td>
<td></td>
</tr>
<tr>
<td>DP601NS (Non-Sag)</td>
<td>50 ml</td>
<td>Gray</td>
<td>09-01412</td>
<td></td>
</tr>
</tbody>
</table>

### 3M™ HI-STRENGTH 90 SPRAY ADHESIVE

High strength, fast contact-type adhesive. Fast contact strength buildup for many decorative laminates. Only needs 1 minute of drying time. 24 oz. Can. P/N 09-01378

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>24 oz</td>
<td>09-01378</td>
<td></td>
</tr>
</tbody>
</table>

### 3M™ SCOTCH-WELD™ EPOXY ADHESIVE DP601NS

Fast setting, flexible, two-part adhesive with a 1:1 mix ratio for bonding many materials, such as metals, ceramics and many plastics. 9 minute work life with handling strength in 20 minutes.

<table>
<thead>
<tr>
<th>Size</th>
<th>Color</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>200 mL</td>
<td>Translucent</td>
<td>09-01405</td>
<td></td>
</tr>
<tr>
<td>400 mL</td>
<td>Translucent</td>
<td>09-01406</td>
<td></td>
</tr>
</tbody>
</table>

### 3M™ SCOTCH-WELD™ EPOXY ADHESIVE DP125 DUO-PAK

Two-part epoxy adhesive with a 1:1 mix ratio, 25 minute work time and exhibits very high peel strength. Moderately flexible and the gray version has exceptional shear adhesion. Use to bond rubber, metal, wood, plastics, and masonry products.

<table>
<thead>
<tr>
<th>Size</th>
<th>Color</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.7 oz</td>
<td>Gray</td>
<td>09-01403</td>
<td></td>
</tr>
<tr>
<td>1.7 oz</td>
<td>Translucent</td>
<td>09-01402</td>
<td></td>
</tr>
</tbody>
</table>

### 3M™ SCOTCH-WELD™ EPOXY ADHESIVE DP190 DUO-PAK

A flexible, two-part adhesive that cures at room temperature and provides high strength bonds with good performance in shear and peel. Can be used to bond rubber, metal, wood, most plastics, and masonry products.

<table>
<thead>
<tr>
<th>Size</th>
<th>Color</th>
<th>Part No.</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>1.7 oz</td>
<td>Gray</td>
<td>09-01376</td>
<td></td>
</tr>
<tr>
<td>200 mL</td>
<td>Gray</td>
<td>09-01404</td>
<td></td>
</tr>
</tbody>
</table>

### 3M™ SCOTCH-WELD™ EPX™ APPLICATORS AND ACCESSORIES

Mixing nozzle will perform to your requirements. With consistent air pressure for easy uniform application, the Duo-Pak cartridge will give you the flow rate needed. Fast, convenient way to simultaneously meter, mix and apply two-part adhesives and potting compounds. System features handy 3M™ Scotch-Weld™ EPX™ Cartridges that snap quickly into the durable, lightweight applicator. A slight squeeze on the trigger advances the plunger into the cartridge. Accurate measurement and the mixing nozzle provides thorough mixing and precise placement of material. Ideal system for assembly, maintenance and in-field service.

<table>
<thead>
<tr>
<th>Size</th>
<th>Color</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 mL</td>
<td>EPX Metal Applicator w/Plunger</td>
<td>09-01371</td>
<td></td>
</tr>
<tr>
<td>50 mL</td>
<td>EPX Mixed Nozzle</td>
<td>09-01372</td>
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</table>

### 3M™ SCOTCH-WELD™ EPX™ PLUS II APPLICATOR

This Plunger is for the Scotch-Weld™ EPX™ Plus II Applicator. The Scotch-Weld™ EPX™ Plus II Applicator is used to Dispense 3M™ Scotch-Weld™ Adhesives in Duo-Pak Cartridges. The applicator is a low-cost portable, self contained metering, mixing and dispensing machine that simultaneously meters and dispenses the material into the cartridges. P/N 09-01380

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>200 mL</td>
<td>09-01408</td>
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</table>

<table>
<thead>
<tr>
<th>Size</th>
<th>Color</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 mL</td>
<td>Gray</td>
<td>09-01404</td>
<td></td>
</tr>
</tbody>
</table>

P/N 09-01380
3M™ SCOTCH-WELD™ URETHANE ADHESIVE DP605NS
A fast setting, urethane adhesive. Its non-sag properties make application on many vertical surfaces easy. Has a 5 minute working life and is excellent for filling gaps. Adheres to wood, plastic and primed metal. Reaches handling strength in 15 to 20 minutes. 1.7 oz. Bottle. Color is off white.
P/N 09-01395.  

3M™ SCOTCH-WELD™ EPOXY ADHESIVE 2216 B/A
A flexible, two part, room temperature curing epoxy with high peel and shear strength. Scotch-Weld epoxy adhesive 2216 B/A is identical to 3M™ Scotch-Weld™ Epoxy Adhesive EC-2216 B/A in chemical composition. Scotch-Weld epoxy adhesive 2216 B/A may be used for aircraft and aerospace applications if proper Certificates of Test have been issued and material meets all adhesive 2216 B/A may be used for aircraft and aerospace applications and certified for aircraft and aerospace applications. Scotch-Weld epoxy adhesive 2216 B/A has been labeled, packaged, tested, and certified for aircraft and aerospace applications. Scotch-Weld epoxy adhesive 2216 B/A may be used for aircraft and aerospace applications if proper Certificates of Test have been issued and material meets all aircraft manufacturer’s specification requirements.

<table>
<thead>
<tr>
<th>SIZE</th>
<th>COLOR</th>
<th>DESCRIPTION</th>
<th>PART NO.</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 oz.</td>
<td>Gray</td>
<td>Adhesive 2216 B/A</td>
<td>02-00045</td>
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<tr>
<td>Pint</td>
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<td>Adhesive 2216 B/A</td>
<td>02-00113</td>
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<tr>
<td>Quart</td>
<td>Gray</td>
<td>Adhesive 2216 B/A</td>
<td>02-00114</td>
<td>.</td>
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</table>

3M™ SCOTCH-WELD™ INSTANT ADHESIVE CA40H
One-part, high strength, very fast setting adhesive cures at room temperature. Adheres to difficult to bond substrates such as EPDM rubber, aluminum, and flexible vinyl. Comes in a 1 oz. Bottle. Clear.
P/N 09-01388.  

3M™ SCOTCH-WELD™ INSTANT ADHESIVE CA8
P/N 09-01366.  

3M™ SCOTCH-WELD™ INSTANT ADHESIVE SURFACE ACTIVATOR
It is ideal for use with all 3M Cyanoacrylate Adhesives for a broad range of industrial and electronic applications. It is also ideal for use with CA-5, CA-9, or CA-50 Gel for many wire tacking and coil terminating applications.
P/N 09-01407.  

3M SCOTCH-GRIP™ HP CONTACT ADHESIVE
A high performance contact adhesive that provides a long bonding range and excellent initial strength.

1357 Grey/OLIV........................... P/N 09-01362............................
1357 Neutral 1G.......................... P/N 09-01373............................

3M™ SCOTCH-GRIP™ PLASTIC ADHESIVE 2262
A clear, non-staining high strength adhesive with exceptional resistance to plasticizer migration. Develops tack very rapidly. Can be used to bond many flexible, rigid and extruded virgins to metal and many other surfaces. Comes in a 1 qt. can.
P/N 09-01365.  

3M™ SCOTCH-GRIP™ RUBBER ADHESIVE
Lower viscosity, sprayable version of Scotch-Weld Neoprene High Performance Rubber and Gasket Adhesive 1300. Has excellent adhesion to metal, baked enamel, wood, most plastics, and neoprene, reclaim, SBR, and butyl rubber, not for EPDM rubber.

<table>
<thead>
<tr>
<th>UPC</th>
<th>Size</th>
<th>Color</th>
<th>Part No.</th>
<th>Price</th>
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<tr>
<td>1300L</td>
<td>1 qt</td>
<td>YELLOW</td>
<td>09-27220</td>
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<tr>
<td>1300L</td>
<td>Gallon</td>
<td>YELLOW</td>
<td>09-01712</td>
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<td>1300L</td>
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<td>YELLOW</td>
<td>09-01713</td>
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<tr>
<td>1300</td>
<td>5 oz</td>
<td>YELLOW</td>
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<td>1300</td>
<td>Quart</td>
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</tr>
<tr>
<td>1300</td>
<td>Gallon</td>
<td>YELLOW</td>
<td>09-01710</td>
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</tr>
<tr>
<td>1300</td>
<td>5 Gallon</td>
<td>YELLOW</td>
<td>09-01711</td>
<td>.</td>
</tr>
</tbody>
</table>

3M™ SCOTCH-GRIP™ CONTACT ADHESIVE
A brushable, neutral-colored contact adhesive for bonding many decorative laminates, aluminum, steel, plywood, panels, wood and wood veneer, masonry, rubber, canvas and other porous and non-porous materials to each other or to themselves.
P/N 09-01364.  

3M™ SCOTCH-GRIP™ RUBBER AND GASKET ADHESIVE 847
This fast drying adhesive develops strength very quickly. It has excellent adhesion to bonding automotive materials from -5 to 300°F. Meets specification requirements of MIL-A-1154C. Bonds neoprene, reclaim, SBR, and butyl rubber to metal, wood, most plastics, and many other products. Soln. Tube. reddish Brown in Color.
P/N 09-01361.  

3M™ SCOTCH-SEAL™ DUCT SEALER
An extremely smooth, easy handling knife or caulking grade sealant for sealing medium and high pressure heating and air conditioning ducts.
P/N 09-01409.  

3M™ GENERAL TRIM ADHESIVE 8088 - CLEAR
A high strength adhesive for bonding automotive materials (carpeting, jute pads, fabrics, plastics) to metal and other surfaces. Good heat and water resistance. Not recommended for bonding polystyrene foam. (For bonding polystyrene foam, use 3M™ Spray Trim Adhesive PN08074). 18.1 oz. can. Color is clear.
P/N 09-01444.  

3M™ IMPERIAL™ HAND GLAZE
Non-silicone, non-wax hand glaze. Excellent depth of shine. Superior luster. Use by hand to refine and fill swirls after machine glazing. Specially designed compounds and polishes to be used on OEM and baked refinish paints to remove sand scratches or to themselves. Pads are hook-and-loop backed. Pads are sold each. P/N 09-01451.  

3M™ IMPERIAL™ MACHINE GLAZE
Non-silicone, non-wax machine glaze. Possesses excellent scratch removal characteristics. Superior depth of shine and luster. Use by machine to remove swirl marks after compounding acrylic lacquer. Formulated to work on all vehicle colors. 1 qt. bottle. Color is clear.
P/N 09-01438.  

3M™ FINESSE-IT™ FINISHING MATERIAL 81235
Specially designed compounds and polishes to be used on OEM and baked refinish paints to remove sand scratches or to remove swirl marks from previously compounded areas. 1qt. bottles. P/N 09-01451.  

3M™ FINESSE-IT™ NATURAL BUFFING PAD
The 3 inch buffing pad is designed to get you into tight areas not accessible with a conventional polisher. Pads are hook-and-loop backed. Pads are sold each. P/N 09-01452.  

3M™ PREMIUM LIQUID WAX
Clear coat safe wax. Use on all cured paint finishes. For use by hand or with an orbital polisher. Produces a high-gloss, deep-luster, durable finish on both new and used car paints. Special formulation is capable of removing road film or light oxidation from car finishes. Heavily oxidized finishes may require compounding with 3M™ Super Duty Rubbing Compound (PN39004) prior to applying wax.
P/N 09-01440.  

3M™ SCOTCH-GRIP™ CONTACT ADHESIVE
A brushable, neutral-colored contact adhesive for bonding many decorative laminates, aluminum, steel, plywood, panels, wood and wood veneer, masonry, rubber, canvas and other porous and non-porous materials to each other or to themselves.
P/N 09-01364.  

3M™ SCOTCH-GRIP™ RUBBER AND GASKET ADHESIVE 847
This fast drying adhesive develops strength very quickly. It has excellent adhesion to bonding automotive materials from -5 to 300°F. Meets specification requirements of MIL-A-1154C. Bonds neoprene, reclaim, SBR, and butyl rubber to metal, wood, most plastics, and many other products. Soln. Tube. reddish Brown in Color.
P/N 09-01361.  

3M™ SCOTCH-SEAL™ DUCT SEALER
An extremely smooth, easy handling knife or caulking grade sealant for sealing medium and high pressure heating and air conditioning ducts.
P/N 09-01409.  

3M™ GENERAL TRIM ADHESIVE 8088 - CLEAR
A high strength adhesive for bonding automotive materials (carpeting, jute pads, fabrics, plastics) to metal and other surfaces. Good heat and water resistance. Not recommended for bonding polystyrene foam. (For bonding polystyrene foam, use 3M™ Spray Trim Adhesive PN08074). 18.1 oz. can. Color is clear.
P/N 09-01444.  

3M™ IMPERIAL™ HAND GLAZE
Non-silicone, non-wax hand glaze. Excellent depth of shine. Superior luster. Use by hand to refine and fill swirls after machine glazing. Specially designed compounds and polishes to be used on OEM and baked refinish paints to remove sand scratches or to themselves. Pads are hook-and-loop backed. Pads are sold each. P/N 09-01451.  

3M™ IMPERIAL™ MACHINE GLAZE
Non-silicone, non-wax machine glaze. Possesses excellent scratch removal characteristics. Superior depth of shine and luster. Use by machine to remove swirl marks after compounding acrylic lacquer. Formulated to work on all vehicle colors. 1 qt. bottle. Color is clear.
P/N 09-01438.  

3M™ FINESSE-IT™ FINISHING MATERIAL 81235
Specially designed compounds and polishes to be used on OEM and baked refinish paints to remove sand scratches or to remove swirl marks from previously compounded areas. 1qt. bottles. P/N 09-01451.  

3M™ FINESSE-IT™ NATURAL BUFFING PAD
The 3 inch buffing pad is designed to get you into tight areas not accessible with a conventional polisher. Pads are hook-and-loop backed. Pads are sold each. P/N 09-01452.  

3M™ PREMIUM LIQUID WAX
Clear coat safe wax. Use on all cured paint finishes. For use by hand or with an orbital polisher. Produces a high-gloss, deep-luster, durable finish on both new and used car paints. Special formulation is capable of removing road film or light oxidation from car finishes. Heavily oxidized finishes may require compounding with 3M™ Super Duty Rubbing Compound (PN39004) prior to applying wax.
P/N 09-01440.  

3M™ ADHESIVES - AUTOMOTIVE PRODUCTS
3M™ PERFECT-IT™ II RUBBING COMPOUND
Specially designed medium-cutting compound for removing grade 1200, 1500 and 2000 color sanding scratches from paint systems including clear coats. Unique formulation. Produces minimal compound swirl marks while buffing to a high gloss. When followed by the 3M™ Perfect-It™ Foam Polishing Pad Glaze, this two-step system delivers a show car luster in record time. Use with 3M™ Perfect-It™ Foam Compounding Pad (PN05723). P/N 09-01407

3M™ PERFECT-IT™ SHOW CAR PASTE WAX
Ultra high gloss paste wax with exceptional durability for use on automotive paints. Shines and protects new and like new paint finishes, producing a deep high gloss, lustrious, durable, wet look finish. P/N 09-01443

3M™ PERFECT-IT™ BACKUP PAD
Enables 3M® SuperBuff Compound Pad users to use the 3M™ Perfect-It™ Foam Polishing Pad without having to remove the 3M® SuperBuff Adapter 05710 from the shaft of the polisher. Fits all standard 5/8 inch shaft slow-speed polishers. P/N 09-01427

3M™ AVIATION RUBBING COMPOUND
Effectively refines scratches in business jet cabinet clear coats using polyesters and polyurethanes. Also used for refinishing scratches on painted aircraft surfaces created during the defect removal process, as well as removing paint oxidation on painted aircraft surfaces. Can be used on aircraft cabinetry or painted surfaces. * No Silicone * Non-corrosive ..........P/N 02173 . SuperBuff Buffing pad 05703 . P/N 02174

3M™ WHITE GREASE 8875
(LITHIUM LUBE)
Long-lasting lubrication, easy spray viscosity. Won’t drip or run. Resists ‘washing out’ if exposed to road spray. 10.5 oz. Can. P/N 09-01445

3M™ OVERSPRAY PROTECTIVE SHEETING MASKER
Portable masker designed to dispense Overspray Protective Sheeting (PN06727). Can be used horizontally, vertically or wall mounted. Spring loaded end frame designed for easy loading of Overspray Protective Sheeting. Paper is not included with masker. P/N 09-01441

3M™ FIBERGLASS RESINS
Designed to be used with Fiberglass Cloth (PN05836) and/or Fiberglass Mat (PN05833). Waterproof when cured. Liquid Hardener (PN0536) included. For metal and fiberglass. Thick formulation resists sags or runs.1 QT. P/N 09-01433 .

3M™ LIGHTWEIGHT BODY FILLER
Cures tack-free in 15-20 minutes reduces sandpaper loading. Creamy texture. Smooth spreading. Easy smoothing. Vacuum processed to minimize pinholes. 1 QT. P/N 09-01428 . 1 GAL. P/N 09-01429

3M™ FLOWABLE FINISHING PUTTY
Tack-Free and Stain Resistant. Two component, self-leveling putty designed for use as a skin coat over plastic filler to fill pinholes, sand scratches, low areas or other imperfections. Available in quart and handy squeeze dispensers no mess. Fills pinholes in body fillers and small imperfections in metal and fiberglass. Cures tack-free in 30 minutes. Flowable, brushable. Easiest sanding 3M™ Polyester Putty. Minimizes staining that can occur with high gloss protectants. No contamination to body filler. Vacuum processed to minimize pinholes. Excellent adhesion to galvanized, aluminum and thoroughly cured and sanded factory-applied paint surfaces. P/N 09-01432

3M™ LIQUID HARDENER
Fast-acting liquid hardening agent designed to be used with 3M Sprayable Polyester Filler (PN05825 or 05834) and/or 3M™ Fiberglass Resin (PN05833 or 05834). 22oz. tube . P/N 09-01434

3M™ LONG STRAND FIBERGLASS REINFORCED FILLER
Contains long strands of fiberglass. Repairs holes, cracks and tears in fiberglass. Repairs holes in metal. Smooth spreading. Waterproof. Can be used with Fiberglass Mat (PN05837) or Fiberglass Cloth (PN05838) to reinforce large repair areas. 1 Gal. P/N 09-01430

3M™ SHORT STRAND FIBERGLASS REINFORCED FILLER
Contains chopped fiberglass. Repairs holes, cracks and tears in fiberglass. Repairs holes in metal. Smooth spreading. Waterproof. Can be used with Fiberglass Mat (PN05837) or Fiberglass Cloth (PN05838) to reinforce large repair areas. 1 Gal. P/N 09-01431

3M™ SPRAYABLE FIBERGLASS REINFORCED FILLER
Designed for spreading body and fiberglass fillers, finishing putties, and resins. Sharp edge. Flexible. Durable. Easy to clean. Cured fillers pop off easily. Available in 4-oz. or Assortment (1 each 4, 6, 8, 12 and 66). P/N 09-01435

3M™ ADHESIVE REMOVER CITRUS BASE
Provides easy clean up of most types of adhesives. Quickly removes waxes, road tar, grease, oil and similar materials. Will not harm paint, vinyl or fabrics in process when properly used. 24 oz. Can. Pale yellow in color. P/N 09-01379

3M™ ADHESIVE REMOVER CITRUS BASE
A liquid cleaner/degreaser that can be used to dissolve and remove dirt, grease, tar, and many non-curing type adhesives. It can also be used to degrease substrates for adhesive bonding in place of many chlorinated or petroleum-based solvents. 24 oz. Can. Clear in color. P/N 09-01393

3M™ 5-WAY PENETRANT
Multi-purpose product that is effective as a demountant - displaces moisture and dries out electrical apparatus. 24 oz. Can. Light Amber in color. P/N 09-01370

3M™ SCOTCHGARD SPOT REMOVER AND UPHOLSTERY CLEANER
Designed to clean carpets and upholstery. Releases both oil- and water-based soils from carpet and upholstery. Aerosol foam is sprayed directly on spot with minimum of overspray. Requires no rinsing. Wipe or blot area with a clean, absorbent cloth. P/N 09-01722

3M™ STAINLESS STEEL CLEANER AND POLISH
Ideally suited for stainless steel, chrome, laminated plastics and aluminum surfaces. With a high-gloss formula, it wipes clean with no streaks or buildup, resists fingerprints and masks surface blemishes. Pleasant lime fragrance. Contains no petroleum distillates. P/N 09-01721

3M™ PAINT RESTORATION KIT
This all inclusive kit for on aircraft detailing. This is not a polish or wax which only fill scratches, 3M® Paint Restoration Kit actually, removes oxidation, refines scratches, and achieves a professional finish. Designed for airplanes: no-corrosive, silicone free, commercial aircraft manufacturer tested and approved. Kit includes: * 3M Aviation Finishing Compound 1 bottle (16 oz) * 3M Aviation Oxidation Removal Compound 1 bottle (16 oz) * 3M Superbuff Adapter * 3M® Superbuff Filling Pad 3M Perfect-it Back-Up Pad * 3M Perfect-it Plus Foam Polishing Pad * 3M Perfect-it Detailing Cloth, Yellow * 471 Vinyl Red 1 x 36 yds. P/N 09-02178
3M™ FASTENERS - SAFETY - TAPE

3M™ SCOTCHMATE™ VELCRO FASTENING TAPES

RECLOSABLE FASTENER HOOK

Its as simple as pressing together and pulling apart. When your product calls for thousands of easy openings and closings, 3M Scotchmate Reclosable Fasteners pull through for your. Tiny, stiff hooks mesh with pliable loops for quick secure fastening. In addition, provide a solution as strong as you need. No adhesive, nylon and sewable hook so can be easily attached to many substrates. Sold by the foot.

Velcro Fastening Tape 2 Black...09-22223
Hook 2 Sj 3402..........................09-01388
Loop 2 Sj 3401..........................09-01387

VELCRO FASTENING TAPES

Consists of a set of 2 mating 1 wide black Nylon tapes, which, when pressed together, lock tightly and hold until peeled apart. Tapes have pressure-sensitive adhesive backs. Ideal for use in cockpit to mount pilot supplies or as an upholstery and rug attachment. An effective fastening material - applications are unlimited. Sold by the yard.

Velcro Fastening Tape 1 Black...09-31400
Loop 1 Sj 3571..........................09-00251
Hook 1 Sj 3572..........................09-00250

3M SCOTCHMATE 2" LOOP SJ3572

It's as simple as pressing together and pulling apart. When your product calls for thousands of easy openings and closings, 3M Scotchmate Reclosable Fasteners pull through for your. Tiny, stiff hooks mesh with pliable loops for quick secure fastening. In addition, Scotchmate reclosable fasteners are backed with 3M adhesive technology expertise which range from rubber adhesives to high performance, double-coated foam tape which can be adhered to most surfaces to provide a solution as strong as you need. Premium performance nylon hook with VHB Tape for high temperature resistance and great shear performance. Sold by the foot.

Velcro Fastening Tape 2 .........................09-01655
2 Loop Sj 3572..........................09-01653
Hook 2 Sj 3572..........................09-01652

3M™ SAFETY WALK SHEET

A durable, mineral coated, non-slip fabric for wing walks. Waterproof, weather-proof and unaffected by vibrations, heat, cold, gasoline or oil. Assures safe footing. Pressure-sensitive backing should have additional coating of 3M 1300L (located on pg 388) to assure adhesion for aircraft applications.

<table>
<thead>
<tr>
<th>COMFORTABLE TREADS</th>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety Walk 510 2 W</td>
<td>09-01485</td>
<td>.</td>
<td></td>
</tr>
<tr>
<td>Safety Walk 510 4 W</td>
<td>09-01486</td>
<td>.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GENERAL PURPOSE</th>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safety Walk 24 INCH W</td>
<td>09-31675</td>
<td>.</td>
<td></td>
</tr>
<tr>
<td>Safety Walk 610 2 W</td>
<td>09-01482</td>
<td>.</td>
<td></td>
</tr>
<tr>
<td>Safety Walk 610 4 W</td>
<td>09-01483</td>
<td>.</td>
<td></td>
</tr>
<tr>
<td>Safety Walk 610 12 W</td>
<td>09-32250</td>
<td>.</td>
<td></td>
</tr>
</tbody>
</table>

3M™ THREE POSITION EAR MUFF

Padded headband and adjustable head strap. Comfortable fit with the headband under the chin, over the head or behind the head. Noise Reduction Rating: 27dB* with headband over and behind the head (26dB* with headband worn under the chin).

P/N 09-01499

3M™ EAR MUFF 1440


P/N 09-01498

3M™ EAR MUFFS 1435


P/N 09-01496

3M™ EAR PLUGS 1100

Smooth dirt resistant surface, tapered design to fit the ear canal, provide added comfort and hygiene. Hypo-allergenic material. Each box contains 200 pairs, and each package is easy to dispense. Noise Reduction Rating: 29dB*.

P/N 09-01493

3M™ REUSABLE EAR PLUG


P/N 09-01492

3M™ GLASS CLOTH TAPE 361

7.5 mil (0.14 mm) thick, glass cloth tape with silicone adhesive and elastic backing ensure easy, water-resistant applications requiring high temperature resistance, high adhesion, and a very strong, abrasion resistant backing such as masking protection in thermal spray operations.

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 x 60 yards</td>
<td>09-01332</td>
<td>.</td>
</tr>
<tr>
<td>2 x 60 yards</td>
<td>09-01341</td>
<td>.</td>
</tr>
</tbody>
</table>

3M™ GLASS CLOTH TAPE 398FRP

Flame Retardant Sealing Tape 398FRP is a glass cloth tape with an acrylic adhesive for many applications requiring high adhesion, an abrasion-resistant backing and flame retardant properties. The tape meets flame retardancy requirements (Sj 3571).

2 x 36 yards..........................P/N 09-01728
3 x 36 yards..........................P/N 09-02135

3M™ THERMOSETABLE GLASS CLOTH TAPE

8.3 mil (0.20 mm), glass cloth tape with thermosettable rubber resin adhesive. For many applications requiring high adhesion and a very strong conformable backing such as wrapping wiring bundles for abrasion and heat protection and connecting cabin ducting sections together.

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 x 60 YARDS</td>
<td>09-01334</td>
<td>.</td>
</tr>
<tr>
<td>2 x 60 YARDS</td>
<td>09-01342</td>
<td>.</td>
</tr>
</tbody>
</table>

3M CARPET TAPE 9377 2 INCH X 25 YARD

3M 9377 Tape has a differential adhesive system with a high-tack acrylic that bonds to the top-layer substrate and a rubber-based adhesive system that attaches to the flooring material. One side is black and attaches to the flooring material with an acrylic-based adhesive. The white side of the tape is a rubber-based adhesive that provides a bond to the floor surface. Firm application pressure helps develop better adhesive contact and improve bond strength. The bond strength will build over time reaching maximum strength at 72 hours. P/N 09-02133

3M™ SCOTCH® SUPER 33+D VINYL ELECTRICAL TAPE DISPENSER

A premium grade vinyl electrical insulating tape, its aggressive adhesive and elastic backing ensure easy, water-resistant conformation to irregular surfaces in low to high temperatures, yet will not ooze or melt in high temperatures. 3/4 wide X 33 Long. P/N 09-01465

CS 349
### 3M™ TAPE - MASKING

#### 3M™ SCOTCH® FINE LINE TAPE 218
This 3M tape is particularly suitable for pin stripping, multicolor and other custom painting applications. It is a thin, conformable green polypropylene film tape with a special finish that resists paint runoff. The adhesive adheres instantly and offers good holding power, resists lifting and curling. Stretchable and easy to handle. Provides an extremely fine color-line separation for decorative painting of aircraft. Scotch No. 218.

<table>
<thead>
<tr>
<th>Width</th>
<th>Length</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/8</td>
<td>60 Yards</td>
<td>09-20200</td>
<td></td>
</tr>
<tr>
<td>1/4</td>
<td>60 Yards</td>
<td>09-20300</td>
<td></td>
</tr>
<tr>
<td>3/8</td>
<td>60 Yards</td>
<td>09-20350</td>
<td></td>
</tr>
<tr>
<td>1/2</td>
<td>60 Yards</td>
<td>09-20400</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>60 Yards</td>
<td>09-21348</td>
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</tr>
</tbody>
</table>

#### 3M™ SCOTCH® ADHESIVE TRANSFER TAPE 950
Attaches gaskets and foams, bonds fabric to window blinds and office panels. This tape can be used to attach vinyl or rubber gaskets and seal pipe insulation. Excellent adhesion to most plastics and has a high tack.

<table>
<thead>
<tr>
<th>Size</th>
<th>Desc</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>950</td>
<td>09-01349</td>
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</tr>
<tr>
<td>2</td>
<td>950</td>
<td>09-01350</td>
<td></td>
</tr>
</tbody>
</table>

#### 3M™ ALUMINUM FOIL TAPE 425
Dead-soft aluminum foil tape. Applications include masking of sensitive components to protect from damage during aircraft paint stripping. In white goods appliances, tape provides an excellent moisture barrier, helps reflect and dissipate heat.

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.5</td>
<td>x 60 Yards</td>
<td>09-01382</td>
</tr>
<tr>
<td>1</td>
<td>x 60 Yards</td>
<td>09-01381</td>
</tr>
<tr>
<td>2</td>
<td>x 60 Yards</td>
<td>09-01383</td>
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<tr>
<td>3</td>
<td>x 60 Yards</td>
<td>09-01385</td>
</tr>
<tr>
<td>3/4</td>
<td>x 60 Yards</td>
<td>09-01386</td>
</tr>
</tbody>
</table>

#### 3M™ VHB™ TAPE 4920
15.0 mil thick, white closed cell acrylic foam carrier with film liner and all purpose adhesive. High strength, handling convenience, cushioning, damping and impact resistance. UL listing 746C. 1 in width, 72 yards in length. P/N 09-01359

#### 3M™ VHB™ TAPE 4950
45.0 mil thick, white closed cell acrylic foam carrier with all purpose acrylic adhesive and paper liner. High strength, handling convenience, cushioning, damping and impact resistance. UL listing 746C.

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 x 60 Yards</td>
<td>09-01380</td>
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</tr>
<tr>
<td>2 x 60 Yards</td>
<td>09-01389</td>
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</tbody>
</table>

#### 3M™ VHB™ TAPE 4930
25.0 mil thick, white closed cell acrylic foam carrier with printed paper liner and an acrylic adhesive. High strength, handling convenience, cushioning, damping and impact resistance. UL listing 746C. P/N 09-01359

#### 3M™ VINYL TAPE
3M Vinyl Tape 471, ideal for masking, wrapping or sealing many curved or irregular surfaces, excellent for many lane and safety marking applications, ideal for color coding, abrasion protection, decoration and splicing applications.

<table>
<thead>
<tr>
<th>Color</th>
<th>Size</th>
<th>Part No.</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
<td>Blue</td>
<td>3 x 36 Yards</td>
<td>09-01335</td>
<td></td>
</tr>
<tr>
<td>Blue</td>
<td>2 x 36 Yards</td>
<td>09-01334</td>
<td></td>
</tr>
<tr>
<td>Black</td>
<td>2 x 36 Yards</td>
<td>09-01279</td>
<td></td>
</tr>
<tr>
<td>Yellow</td>
<td>1 1/2 x 36 Yards</td>
<td>09-01336</td>
<td></td>
</tr>
<tr>
<td>Yellow</td>
<td>3/4 x 36 Yards</td>
<td>09-01337</td>
<td></td>
</tr>
<tr>
<td>Yellow</td>
<td>1 x 36 Yards</td>
<td>09-01338</td>
<td></td>
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<tr>
<td>Yellow</td>
<td>2 x 36 Yards</td>
<td>09-01345</td>
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</tr>
<tr>
<td>White</td>
<td>1 x 36 Yards</td>
<td>09-02076</td>
<td></td>
</tr>
<tr>
<td>White</td>
<td>2 x 36 Yards</td>
<td>09-02075</td>
<td></td>
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</table>

### 3M™ SCOTCH® STEEL GRAY MASKING PAPER
Strong, flexible and pliable. Formulated to resist penetrations of solvents, lacquers or enamels. Comes in 1000 rolls.

<table>
<thead>
<tr>
<th>Description</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gray Masking Paper 12</td>
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<tr>
<td>Gray Masking Paper 18</td>
<td>09-01364</td>
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<tr>
<td>Gray Masking Paper 24</td>
<td>09-01365</td>
<td></td>
</tr>
<tr>
<td>Gray Masking Paper 36</td>
<td>09-01366</td>
<td></td>
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</tbody>
</table>

### 3M™ DOUBLE COATED FILM TAPE 415
A medium-firm, acrylic, pressure sensitive adhesive that featuring an excellent balance of good initial adhesion (quick stick) and good shear holding power. It is ideal for bonding together a wide variety and dissimilar materials such as metals, glass, wood, paints, and many plastics.

<table>
<thead>
<tr>
<th>Size</th>
<th>Color</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4  x 36yds</td>
<td>White</td>
<td>09-01339</td>
<td></td>
</tr>
<tr>
<td>2 x 36yds</td>
<td>White</td>
<td>09-01343</td>
<td></td>
</tr>
</tbody>
</table>

### 3M™ SCOTCH® POLYETHYLENE COATED CLOTH TAPE 390
Polyethylene coated cloth with rubber adhesive for applications requiring good strength and moisture resistance. Applications include holding insulation materials. P/N 09-01727

### 3M™ SCOTCH® HIGH PERFORMANCE MASKING TAPE 232
A high performance paper masking tape to be used in the medium temperature paint bake operation. A smooth crepe paper tape that is treated with a heat and solvent resistant coating.

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>18MM</td>
<td>09-01329</td>
<td></td>
</tr>
<tr>
<td>24MM</td>
<td>09-01330</td>
<td></td>
</tr>
<tr>
<td>48MM</td>
<td>09-01340</td>
<td></td>
</tr>
<tr>
<td>72MM</td>
<td>09-01331</td>
<td></td>
</tr>
</tbody>
</table>

### 3M™ MASKING POLY TAPE 5903 (RED)
5903 is a poly tape comprised of heavy duty polyethylene film and synthetic rubber adhesive. It is UV weather resistant and removes cleanly for up to a month with little or no adhesive residue on most opaque surfaces without deteriorating or fading. Used for window and door masking, outdoor holding and protecting surfaces including stucco, concrete, brick, and a variety of construction surfaces where removability is important. P/N 09-02136

### 3M™ HAND HAND MASHER KIT
Tape guide pin molded into the M3000 KML frame. Guide pin aids tracking of the masking tape onto masking paper while dispensing. Tack-Down Tape Dispenser (PN00780) allows easy on-off mounting. Provides fingertip access to an extra roll of masking tape. Includes 12 cut-off blade. Making film is not included with dispenser. P/N 09-01442

### 3M™ SCOTCH SAFERELEASE™ BLUE PAINTERS MASKING TAPE 2090
Ideal for long-term masking projects when tape must be left on for up to a week. Removes cleanly and easily for up to seven days without leaving adhesive residue.

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4</td>
<td>09-01420</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>09-01421</td>
<td></td>
</tr>
<tr>
<td>1-1/2</td>
<td>09-01422</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>09-01423</td>
<td></td>
</tr>
</tbody>
</table>
3M™ PRODUCTS

3M™ SCOTCH-WELD™ THREADLOCKER

THREADLOCKER 3493 PURPLE - For fasteners less then 3/16 in. Low removal torque.
0.5 mL ................. P/N 09-01680 ..........................
10 mL ................. P/N 09-01681 ..........................
50 mL ................. P/N 09-01682 ..........................

THREADLOCKER 3494 BLUE - Medium strength general purpose threadlocker. For bolts up to 3/4 in.
0.5 mL ................. P/N 09-01684 ..........................
10 mL ................. P/N 09-01685 ..........................
50 mL ................. P/N 09-01686 ..........................

THREADLOCKER 3495 RED - Medium-high strength. High breakaway, reduce prevailing torque. For bolts up to 1 in.
0.5 mL ................. P/N 09-01688 ..........................
50 mL ................. P/N 09-01690 ..........................

THREADLOCKER 3497 RED - High temp, highbreakaway and prevailing torque. For bolts up to 1-1/2 in.
0.5 mL ................. P/N 09-01695 ..........................
50 mL ................. P/N 09-01696 ..........................

THREADLOCKER 3498 GREEN - Penetrating adhesive designed for pre-assembled fasteners.
10 mL ................. P/N 09-01698 ..........................
50 mL ................. P/N 09-01699 ..........................

3M™ NOVEC™ ELECTRONIC DEGRASER - Effectively removes oils, greases and handling soils from electric motors, electrical equipment, precision devices and other electro-mechanical or sensitive devices. Based on proprietary 3M solvent technology; it is non-flammable, non-ozone depleting and contains no HCFCs, HFCS, nPB or HAPs.

3M™ NOVEC™ FLUX REMOVER - Effectively removes rosin solder fluxes, waxes and similar contaminants found in electronics manufacturing and repair. Based on proprietary 3M solvent technology; it is non-flammable, non-ozone depleting and contains no HFCS, HFCS, nPB or HAPs.

3M™ NOVEC™ CONTACT CLEANER - Effectively removes light oils, greases, silicones and particulates from sensitive electrical and electronic equipment. It is compatible with plastics, is non-flammable, non-ozone depleting and contains no HFCS, HFCS, nPB or HAPs.

3M™ NOVEC™ FLUX CLEANER - Effectively removes flux residues from electronic components.

3M™ NOVEC™ CONTACT CLEANER - Effectively removes light oils, greases, silicones and particulates from sensitive electrical and electronic equipment. It is compatible with plastics, is non-flammable, non-ozone depleting and contains no HFCS, HFCS, nPB or HAPs.

3M™ NOVEC™ THREADLOCKER - Effectively removes rosin solder fluxes, waxes and similar contaminants found in electronics manufacturing and repair. Based on proprietary 3M solvent technology; it is non-flammable, non-ozone depleting and contains no HFCS, HFCS, nPB or HAPs.

3M™ BODY FILLERS

3M standard fillers are the economical choice for gap filling, fairing, smoothing and general repair. They are also great for plug, pattern and tooling departments for creating and building shapes, curves and intricate elements to molds and patterns. They are easy to mix, apply, and sand, and have a quick cure time. Great for quick repairs to fiberglass, wood, metal, concrete and aluminum.

Description | Size | Part No. | Price
--- | --- | --- | ---
Dynatron Ultra-Glass Reinforced Filler | Quart | 01-01097 | 
Dynatron Ultra-Glass Reinforced Filler | Gallon | 01-01098 | 
Dynatron Dyna-Glass Reinforced Filler | Gallon | 01-01101 | 
Dynatron Dyna-Glass Reinforced Filler | Gallon | 01-01102 | 
Dynatron Dyna-Hair Reinforced Filler | Gallon | 01-01103 | 
Dynatron Dyna-Hair Reinforced Filler | Gallon | 01-01104 | 
Dynatron Dyna-Max Reinforced Filler | Gallon | 01-01105 | 
Dynatron Dyna-Max Reinforced Filler | Gallon | 01-01106 | 
Dynatron Dyna-Max Reinforced Filler | Gallon | 01-01107 | 
Dynatron Dyna-Max Reinforced Filler | Gallon | 01-01108 | 
Dynatron Dyna-Max Reinforced Filler | Gallon | 01-01109 | 

3M™ 3M™ PAINT PREPARATION SYSTEM (PPS™)

3M™ PPS™ CUP AND COLLAR, 16023

3M™ PPS™ KIT 16024

3M™ PPS™ MINI CUPS & COLLARS 16115

3M™ PPS™ MINI LIDS AND LINERS 16114

3M™ PPS™ MIXING CUP AND COLLAR, 16001

3M™ HEADLIGHT LENS RESTORATION SYSTEM

3M™ HEADLIGHT LENS RESTORATION SYSTEM

3M™ REINFORCED FILLERS

3M™ REINFORCED FILLERS - A line of reinforced filler products offers users a unique and flexible array of repair solutions. Each product is reinforced with short fiberglass strands, long fiberglass strands or milled fiberglass. These reinforced fillers are significantly stronger than regular fillers and are waterproof. Great for repairing fiberglass and rust holes in metal.

Description | Size | Part No. | Price
--- | --- | --- | ---
Dynatron Ultra-Glass Reinforced Filler | Quart | 01-01097 | 
Dynatron Ultra-Glass Reinforced Filler | Gallon | 01-01098 | 
Dynatron Dyna-Glass Reinforced Filler | Gallon | 01-01101 | 
Dynatron Dyna-Glass Reinforced Filler | Gallon | 01-01102 | 
Dynatron Dyna-Glass Reinforced Filler | Gallon | 01-01103 | 
Dynatron Dyna-Hair Reinforced Filler | Gallon | 01-01104 | 
Dynatron Dyna-Hair Reinforced Filler | Gallon | 01-01105 | 
Dynatron Dyna-Max Reinforced Filler | Gallon | 01-01106 | 
Dynatron Dyna-Max Reinforced Filler | Gallon | 01-01107 | 
Dynatron Dyna-Max Reinforced Filler | Gallon | 01-01108 | 
Dynatron Dyna-Max Reinforced Filler | Gallon | 01-01109 | 

3M™ 3M™ PUTTY

3M™ PUTTY - 3M finishing putties have excellent adhesion to wood, metal, aluminum, e-coat, galvanized metal, fiberglass, 5M, epoxy, concrete and primer/paint. These finishing putties are ideal for repairing or filling smaller dents, scratches, gouges and voids. Each product is non-shrinking, non-staining, cures quickly and sandable exceptionally well.

Description | Size | Part No. | Price
--- | --- | --- | ---
Dynatron UltraLite Advanced Body Filler | Quart | 01-01084 | 
Dynatron UltraLite Advanced Body Filler | Gallon | 01-01085 | 
Dynatron Dyna-Lite Advanced Body Filler | Gallon | 01-01072 | 
Dynatron Dyna-Lite Advanced Body Filler | Gallon | 01-01088 | 
Dynatron Dyna-Lite Advanced Body Filler | Gallon | 01-01089 |
MEGUIAR’S DUAL ACTION POLISHER

Whether you're a seasoned professional or a weekend warrior who wants show quality results, MEGUIAR’S Dual Action Polisher greatly reduces the amount of time it takes to apply paint cleaners, polishes and protection products and produces results far superior to applying these products by hand. And because of its dual action - rotation and orbit - you never have to worry about burning the paint. *G110 includes (polisher, D-handle, custom hard case, W67DA backing plate, wrench, manual)

MEGUIAR’S SOFTBUFFER FOAM PADS

Softbuffer foam pads are softer than wool pads because they will not leave scratches or buffer swirl marks. When used to apply MEGUIAR’s cleaners, polishes, waxes, these unique, fiber-free foam pads add incredible gloss and depth of color to all fiberglass painted finishes.

W-7000 8" CUTTING PAD - Offers aggressive cleaning ability without leaving swirl marks, scratches or other blemishes. Its quick-change anchor-loop backing matches up with all popular types of hook and loop buffer backing plates. P/N 09-23470 ..............

W-9000 8" FINISHING PAD - The finest finishing tool to create the ultimate high gloss, swirl-free finish. Its quick-change anchor-loop backing matches up with all popular types of hook and loop buffer backing plates. P/N 09-23480 ..............

W-65 6-1/2" PROFESSIONAL BACKING PLATE - The perfect partner to all Softbuffer foam buffing pads with quick-change anchor loop backing. P/N 09-23490 ..............

MEGUIAR’S MIRROR GLAZE

PLASTIC POLISH (No. 10) - Safely restores and maintains optic clarity to all clear plastics. This complete one-step product keeps front and rear view glass in perfect condition with a static-free coating that repels dust. Meets Military Spec MIL-C-5547 and MIL-C-18767A (ASG). 8 Oz. P/N 09-23300 ..............

CLEAR PLASTIC CLEANER/POLISH (No. 18) - Mirror Glaze #18 restores optical clarity and removes surface residue. Its anti-static formula repels dusts and its one-step action saves maintenance time. Just spray on and wipe dry to safely remove surface contaminants and restore optic clarity. 8 oz. P/N 09-23300 ..............

FINAL INSPECTION (No. 34) - Mists on and wipes off to remove fresh contaminants and maintain a showroom shine... anywhere, anytime. High lubricity formula removes dust, fingerprints, contaminants and fine scratches. Contains optical brighteners for a high gloss shine. It is paintable, safe for use in a paint shop environment and safe on all paint finishes, including clear coats.

16 oz............P/N 09-00446..............
1 Gal.............P/N 09-00445..............

VINYL & RUBBER CLEANER/CONDITIONER (No. 40) - Gives a clean, natural looking luster to rubber and vinyl surfaces. Cleans the surface while restoring its original color. Prevents fading, cracking, drying. Avoids typical synthetic shine of conventional protectants. Contains UV protectants to extend life of vinyl rubber. Great for use on genuine leather, vinyl, rubber and more. Mists on and wipes dry. P/N 09-23450 ..............

POLYMER SEALANT (M-20) - Polymer Sealant outshines any other wax or polymer product. It has a unique blend of polymers, silicones and imported waxes which create a brilliant high gloss finish that outlasts all other waxes. Polymer Sealant is safe and effective on all paint finishes, including clear coats. 16 oz....P/N 09-00764 ..............
64 oz....P/N 09-00385 ..............

ONE STEP CLEANER/WAX (50) - Cleans, polishes and protects in one easy step. Effectively cleans chemically without harsh abrasives that can scratch or dull. Removes light oxidation, haze, minor swirls and scratches. Contains polishing oils that add brilliance and high gloss. For use on all fiberglass, painted surfaces, metal, plastic, wood, glass and more. 16 oz........P/N 09-00305 ..............

MEGUIAR’S MIRROR GLAZE

PLASTIC POLISH (No. 10) - Safely restores and maintains optic clarity to all clear plastics. This complete one-step product keeps front and rear view glass in perfect condition with a static-free coating that repels dust. Meets Military Spec MIL-C-5547 and MIL-C-18767A (ASG). 8 Oz. P/N 09-23300 ..............

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MEGUIAR'S PRODUCTS

MEGUIAR'S GOLD CLASS

GOLD CLASS CAR WASH SHAMPOO & CONDITIONER - Meguiar's Gold Class Car Wash Shampoo & Conditioner is a rich and luxurious soap designed to both wash and condition paint in one easy step. The premium formula gently foams away tough dirt, road grime and contaminants without compromising wax protection. Ultra rich paint conditioners clear away debris to reveal color and clarity, keep eyes dazzled by all finishes. Rich conditioning oils and legendary gentle cleaning ability make it an excellent choice for daily drivers exposed to the elements. 1 Gal........P/N 09-02318

GOLD CLASS WAX - Elegant, timeless, premium... Since its introduction, Meguiar's Gold Class Liquid Wax has inspired automotive enthusiasts worldwide to pamper, condition and protect their treasured investments. Our unique and proprietary blend of conditioners nourish and enrich paint to create clear, deep reflections and brilliant shine. Carnauba and polymer protecting agents reflect damaging UV rays, remove fine swipes, and create strong, lasting-long protection to preserve your finish.

GOLD CLASS™ RICH LEATHER LOCION, SPRAY & WIPES - MEGUIAR'S - Pamper and protect your leather in one easy step with MEGUIAR'S improved Gold Rich Leather Cleaner Conditioner Lotion, Spray and Wipes. The enhanced, premium blend of moisturizers and nutrients - now with aloe for improved conditioning - quickly absorbs into leather for a natural, nongreasy finish. The convenient spray format is great for large areas or when working on perforated leather. The wipes feature 25 thick, textured wipes saturated with our enhanced, premium blend of moisturizers and nutrients deeply nourish fine leather. Each contains advanced sun-blocking agents and UV sunscreens to help defend against premature wear and fading.

GOLD CLASS BUG & TAR REMOVER - MEGUIAR'S - Bug splatter and road tar are highly adhesive and when left in place they will bond to your paint, leave paler, contaminate and protect their treated investments. Our unique and proprietary blend of conditioners nourish and enrich paint to create clear, deep reflections and brilliant shine. Carnauba and polymer protecting agents reflect damaging UV rays, remove fine swipes, and create strong, lasting-long protection to preserve your finish.

MEGUIAR'S CLASSIC

DEEP CRYSTAL® CAR WASH - Contains special ingredients that extend the life of the sax. Dirt and grime are quickly loosened and emulsified away. This one easy step, superior decontamination, use with MEGUIAR'S Microfiber Wash Mitt.

CLEANER WAX - MEGUIAR'S most versatile, one step wax specially formulated for easy eye-dazzling brilliance and smoothness. Rich conditioning oils and legendary gentle cleaning ability make it an excellent choice for daily drivers exposed to the elements.

DEEP CRYSTAL® SYSTEM CARNAUBA WAX - Creates a strong, protective barrier on your paint that locks in shine and gloss. Our long-lasting, tried-and-true formulation utilizes the highest grade of carnauba to protect all paint surfaces, including clear coats.

QUIK DETAILER® - Keeps a waxed car looking just waxed. Clear coat safe, meguiars Quik Detailer removes harmful contaminants before they damage your finish. Use Quik Detailer right after your car is sprayed by a water sprinkler, hit by a bird and grime and restore the original, natural finish. Includes UV paint protection.

QUIK INTERIOR DETAILER - The fastest way to clean interior surfaces. Use every time you wash or Quik Detail your paint to give your interior that just detailed look. In just 5 additional minutes, your entire interior will look sharp and feeling new. Quik Detail easily and quickly maintains the look and feel of interior plastics, vinyl, leather, rubber, metal and even audio/video equipment. The safe, high lubricity formula lifts off dust, ashes, dirt, grime, spills and fingerprints without build-up. And, unlike traditional protectants that leave an artificial greasy feeling, Quik Interior Detailer leaves your interior surfaces looking natural and revitalized.

QUIK OUT® CARPET & UPHOLSTERY CLEANER - The fast and easy solution to keeping carpet and upholstery looking like-new. Active, penetrating foam attacks stains from the bottom up for deep cleaning. The powerful, professional-strength foam easily tackles the toughest stains, such as motor oil, grease, lipstick and coffee. The unique formula dries quickly without leaving behind a sticky or stiff residue so carpets and upholstery are left looking and smelling fresh and feeling like-new.

SUPREME SHINE PROTECTANT - WAX - This new, revolutionary shine protectant family offers users the ability to choose from two different levels of shine. For those who love shine, the Supreme Shine Protectant is the fastest and easiest way to create a high shine surface on vinyl, rubber, and plastic surfaces.

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SWIRLX - Car Guys are constantly asking how to best remove swirl marks/spider webs/holograms to restore crystal clear reflections and have a flawless, show-car shine. SWIRLX Swirl Remover effortlessly removes swirl marks while improving color and clarity. SWIRLX can be applied by hand or with our DA Polisher, and is a non-abrasive formula that gently smooths away micro-fine swirl marks so you can have a flawless finish on all paints. 16oz.  P/N 09-02357

SCRATCHX® 2.0 - Keep ScratchX 2.0 close at hand for quick removal of isolated paint scratches or blemishes whenever they occur. Competitive products either hide the blemish or scratch the finish. Meguiar’s exclusive micro-abrasive system using a ScratchX 2.0 paste to remove paint blemishes fast while restoring brilliant high gloss. The new and improved formula can be applied by hand or with a DA. P/N 09-00304

COLORX® - Meguiar’s COLORX is the tested and proven system to restore deep color and gloss from your oxidized or contaminated paint finish. Helps remove fine scratches and swirl marks too. Our polish and wax combination will dramatically revitalize brilliant color and add a long lasting protection that locks in the shine. For best results, apply with an Even-Coat Applicator and remove residue with a Supreme Shine Microfiber or Ultra Plush Super Terry. P/N 09-02343

PLASTX CLEAR PLASTIC CLEANER & POLISH - This easy-to-use, rich gel formula quickly restores optical clarity to both rigid and flexible clear plastics. Cutting-edge advancements in Meguiar’s exclusive Microscopic Diminishing Abrasive Technology (MDAT) remove light oxidation, chemical degradation, surface contamination, stains and light surface scratches with ease. Special high water resistant polymers provide long lasting durable protection to keep your clear plastics clear and beautiful longer. We recommend applying PlastX with a High Tech Applicator Pad or Ultra Plush Super Terry and applying an Ultra Plush Super Terry or Supreme Shine Microfiber for the final wipe-off. P/N 09-02324

WATER MAGNET® MICROFIBER DRYING TOWEL - Meguiar’s ultra plush Water Magnet reduces drying time with less wring-outs by absorbing up to two times the water of traditional terry towels. The extra large 22 x 30 waffle texture absorbs water out easily and eliminates a spot-free finish. X2000 Single pack. P/N 09-02351

SOFT BUFF™ TERRY TOWELS - Meguiar’s Soft Buff Terry Towels are thick and plush to provide superior absorbency and a swirl-free finish. The towels are pre-washed for instant absorbency and lint-free performance. P/N 09-02352

SUPREME SHINE® MICROFIBER TOWEL - Meguiar’s Supreme Shine is an incredibly plush microfiber towel for producing swirl free, mirror-like results. The thick, dual-sided microfiber pile absorbs two times more than traditional terry towels providing faster wipe off with less strokes. Single……….P/N 09-02353……………….3-pk……………………P/N 09-02354

MICROFIBER WASH MITT - Meguiar’s extra thick Microfiber Wash Mitt is the ultimate choice for show car perfectionists. The clear coat safe microfiber lifts and traps dirt and grime for a brilliant, swirl-free finish. The comfort-fit cuff and soft inner lining make this wash mitt a pleasure to use. P/N 09-02355

EVEN COAT™ MICROFIBER APPLICATOR PADS - Meguiar’s Even Coat microfiber applicator is the ultimate pad for swirl free, show car perfect results. Gentler than a foam pad, this applicator is ideal for ultra fine polishing and waxing. Its large, 5 inch surface area allows for faster polishing and waxing. P/N 09-02336

BOELUBE 70104 LUBRICANT BOELUBE 70104 is non-toxic, non-irritating, environmentally safe synthetic lubricant manufactured from personal care ingredients that is effective for machining many types of materials. BOELUBE 70104 will provide superior lubricity leading to better finish and longer tool life. BOELUBE 70104 is non-corrosive, non-flammable, chemically stable, and free of Halogens, Silicone, Petroleum, Paraffin Wax, Sulfur, Phosphorus and Heavy Metals whether added or present in any of its ingredients. BOELUBE 70104 is compatible with Aluminum, Titanium, Graphite, Composites, Honeycomb, Inconel, Kevlar, Wood, Ferrous and Nonferrous Metals. BOELUBE 70104 is recommended for Drilling, Deburring, Broaching, Forming, Grinding, Milling, Gun Drilling, Rounding, Reaming, Oil Hole Tools, Sawing, Punching and Tapping. Handheld lubricant. 09-01732

BOELUBE BL70307L PASTE Boelube Pastes provide excellent lubricity and are extremely cost effective in single point work such as Tapping, Drilling and Reaming. A small amount of Paste applied to the tool is all that is required to obtain a high quality finish and extended tool life with little or no clean-up required. Brush it on or dip it in paste. Boelube pastes are also ideal for Forming and Bending as well as in Drop Hammer, Verson Press and Spin Forming applications. Boelube Pastes provide closer tolerance parts and extended diaphragm and die life. We furnish 70307 medium (blue) paste. 4oz Jar ... 09-01733...
**FOAM CUSHIONING**

Foam Cushioning is a dense open cell foam that can be used for glare shield padding, side panel padding, seat cushioning and for soundproofing. Meets FAR 25.853 burn requirements. Width is 48 and is sold by the linear yard. Available in 1/8 and 1/4 and thickness. *Density (pcf) - 5 pcf 5

1/8 Foam cushioning......... P/N 11-02062 ....................
1/4 Foam cushioning......... P/N 11-02063 ....................

Sample Kit (includes sample of both SPT leather like vinyl and foam)

Sample Kit............................... P/N 11-02061.

**ABS PLASTIC SHEETS**

ABS thermoplastic fire-rated sheet material can be used as a basic material for making of glare shields and side panel backing. Easily cut, drill, saw, and grind this ABS sheeting. The plastic sheets have an excellent ductility and formability. Meets FAR 25.853 burn requirements. Smooth flat surface on one side and a matte finish on the other side. Color: Black

Sheet size is .063 x 23.5 x 54.

P/N 11-02054..............

Sample Kit includes small piece of each

Sample Kt............. P/N 11-02061 ............

**LEATHER-LIKE VINYL UPHOLSTERY MATERIAL**

Leather-Like Vinyl has the ultra-soft leather feel without the leather cost. It can be used for seats, wall panels and headliners. Meets FAR 23.853(a) flammability requirements. It provides superior wear resistance (100,000 cycles), abrasion resistance and excellent tailoring. Width is 54 and weight is 27 oz. per linear yard. Available in camel, gray and black. Pricing is per linear yard. Sample provides a small piece of each. Burn certificates are available upon request.

Gray.............. P/N 11-02056 ....................
Black............. P/N 11-02057 ....................
Camel............. P/N 11-02059 ....................

Sample Kit includes small piece of each

Sample Kt............. P/N 11-02061 ............

**COLOR-BOND LEATHER, VINYL & HARD PLASTIC REFINISHER**

Color-Bond restores or changes the color of leather, vinyl, ABS plastic, PVC, polycarbonate, acrylic, fiberglass, lexan and thermal plastic urethane permanently. It is dry to the touch in 45 seconds and fully bonded in 10 minutes. It will not crack, flake or peel gives complete grain simulation. You can change color over and over and never obscure the grain or affect the hand. It is now OEM approved by the Ford Motor Company. After 3-1/2 years of testing, the specification that Color-Bond passed is the first of its kind and is approved for worldwide use. Color-Bond will be distributed to the 5,200 Ford Quality Service Parts dealers of North America. It will also be used for repair of instrument panels, door panels and seats in all of the assemble plants. Color-Bond is excellent for restoration of aircraft seats, side panels, glare shields, and other items. Aircraft Service Specialty Co. has been appointed as the aviation distributor for Color-Bond.

- P/N 11-02061

**GRACO HVLP SPRAY SYSTEMS**

Virtualy eliminates mist. Requires less maintenance. Blows less heat up the stack. Uses up to 50% less material. Delivers better pattern control. Reduces overspray up to 90%. Eliminates high-pressure flow and tiger stripes.

**GRACO HVLP AIR SPRAY SYSTEMS GTS-2500 HVLP SPRAYER**

This lightweight, portable sprayer features the GTS-960 Bleeder Style Gun and offers outstanding performance in its equipment class. Easily spray stains, lacquers, oils, enamels and urethanes.

- Turbine Stages – 2
- Cup – 1 qt (1 liter)
- Weight: Complete – 32 lb
- Turbine Air Working Pressure – 5 psi (.345 bar, 34.5 kPa) max.
- Gun – GTS-960 Bleeder Style with Fluid Set #3
- Standard Turbine Air Hose Length – Standard units incl. 20 ft (6 m).
- Use 40 ft (12 m) max.
- Electrical Rating – 7A at 120 VAC
- Power Cord – No. 16 AWG, 3 wire, 6 ft (1.8 m)
- Shipping 18 in. x 15-1/2 in. x 16 in.
- The GTS-2500 is not designed for use with non-bleeder guns.

P/N 12-15710

**GTS-3800 HVLP SPRAYER**

The GTS-3800 is highly productive for nearly all fine finish applications. Easily spray stains, lacquers, oils, enamels, urethanes and automobile finishes. Plus, it atomizes many water-based latex and acrylic coatings, multi-color and other higher viscosity coatings.

- Turbine Stages – 3
- Turbine Air Working Pressure – 6 psi (.414 bar, 41.4 kPa) max.
- Turbine Air Outlet Flow Rate – 80 cfm (2265 lpm) max.
- Gun – GTS-980 Non-Bleeder Style with Fluid Set #3
- Cup – 1 qt (1 liter)
- Weight: Complete – 34 lb
- Dimensions: 18 in. x 15-1/2 in. x 16 in.

P/N 12-15780

**GTS-4900 HVLP SPRAYER**

Our most powerful and versatile sprayer offers everything you need on the job for high productivity. This unit is loaded with features and can spray the broadest range of materials.

- Turbine Stages – 4
- Weight: Complete – 39 lb
- Turbine Air Working Pressure – 8 psi (.552 bar, 55.2 kPa) max.
- Turbine Air Outlet Flow Rate – 82 cfm (2321 lpm) max.
- Gun – GTS-980 Non-Bleeder Style with Fluid Set #3, #4 and #5
- Cup – 1 qt (1 liter)
- High-Flex Turbine Air Hose Length – Standard units incl. 30 ft (9 m). Use 60 ft (18 m) max.
- Power Cord – No. 16 AWG, 3 wire, 6 ft (1.8 m)
- Electrical Rating – 12A at 120 VAC
- Weight: Complete – 34 lb
- Dimensions: 18 in. x 15-1/2 in. x 16 in.

P/N 12-15950

**GRACO ACCESSORIES**

- HVLP 1 Qt. Cup – Pkt. Assy.
- 2mm Needle/Nozzle (dopes)
- 2.8mm Needle/Nozzle
- 30 ft. Replacement Hose
- Superflex Hose 54

P/N | DESCRIPTION | PRICE
--- | --- | ---
12-12990 | HVLP 1 Qt. Cup – Pkt. Assy. | ..
12-15750 | 2mm Needle/Nozzle (dopes) | ..
12-15760 | 2.8mm Needle/Nozzle | ..
12-00016 | 30 ft. Replacement Hose | ..
74660 | Superflex Hose 54 | ..
NEEDLES – GROMMETS – PLATES

MARTIN FABRIC CLIPS

Used to secure fabric to metal ribs in wings and control surfaces. Replaces rib-stitch cord or P-K screws. Provides a more secure and streamlined installation. Drastically reduces covering time. FAA-approved for aircraft listed. Easily adapts to homebuilt with metal ribs. Spacing between clips, 3 1/2. Spacing may be reduced to 1 1/2 on high-performance aircraft by using 2 wires, with clips inserted in alternate holes that are spaced 1 1/2 apart. Fabricated from stainless steel wire. Supplied in 25-ft. continuous coils.

25-Ft. Coil............................. P/N 09-19400

Installation Kits

<table>
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<th>STC No.</th>
<th>Part No.</th>
<th>Feet Req’d</th>
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<td>SA15050</td>
<td>09-19500</td>
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<tr>
<td>Piper All Models</td>
<td>SA12605</td>
<td>09-19600</td>
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<tr>
<td>Taylorcraft</td>
<td>Original Equipment</td>
<td>09-19800</td>
<td>75</td>
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All install kits... No clips are included. Order separately. *If clips are used to secure fabric on controls, add 50 ft.

CESSNA-TYPE FABRIC CLIPS

Individual spring steel clips used to attach fabric to metal ribs. Eliminates rib stitching.

5% Discount on purchase of 100
P/N 09-19900

TAC RAGS

Tac Rags pick up dust like a magnet. Use Tac Rags in final cleaning or dusting of surface before applying enamel, lacquer or synthetic paints. Wipe surface gently to remove all dust, lint and fine sand particles from metal, wood or plastic surfaces. Tac Rags are anti-static, epoxy compatible, and remain soft and tacky indefinitely. Individually packaged. Size: 18 x 36.

P/N 09-20000............ ea..........................Dzn

FINE-LINE PAINT TAPE

This 3M tape is particularly suitable for pin stripping, multicolor and other custom painting applications. It is thin, conformable green polypropylene film tape with a special finish that resists paint runoff. The adhesive adheres instantly and offers good holding power, resists lifting and curling. Stretchable and easy to handle. Provides an extremely fine color-line separation for decorative painting of aircraft. Scotch No. 218.

1/8 x 60 Yds. ........... P/N 09-20020
1/4 x 60 Yds. ........... P/N 09-20230
3/8 x 60 Yds. .......... P/N 09-20350
1/2 x 60 Yds. .......... P/N 09-20400
3/4 x 60 Yds. .......... P/N 09-20500

Less 10% on 6 Rolls (Assorted) - Less 15% on 12 Rolls (Assorted)

WOOD BRUSHES

Natural, undyed bristle with smooth, unpainted wood or polyethylene handles. Unaffected by paint, dopes, thinners or solvents.

<table>
<thead>
<tr>
<th>Brush Width</th>
<th>Part No.</th>
<th>Price Each</th>
<th>Brush Width</th>
<th>Part No.</th>
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<td>09-21300</td>
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Discount: Less 10% on 50, 15% on 100 (per size)

ACID OR GLUE BRUSHES

Horse hair with metal handle.

<table>
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<tr>
<th>Width</th>
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</table>

DOLLAR PATCHES

Grade B fabric patches for quick repairs on Grade B Dacron covering. Smooth edge, 2 1/2 dia. Also available in Dacron which are more durable, less noticeable on aircraft exterior. Less 10% for 12 or more.

Grade A cotton patches........ P/N 09-17700........... ea
Dacron Patchers............. P/N 09-17705........... ea

RIB LACING & SEWING NEEDLES

3 ........ Curved......... Needle 3C........ P/N 09-18705........... ea
6 ........ Curved......... Needle 6C........ P/N 09-18710........... ea
12 .......... Curved .......... Needle 12C...... P/N 09-18720........... ea
12 .......... Straight .......... Needle 12...... P/N 09-18725........... ea
18 .......... Curved Tip .... Needle 18C.......... P/N 09-18730........... ea

Needle Assortment includes 1 each of the following: 3 curved, 6 curved, 12 curved, 12 straight, 18 straight.

P/N 09-18735...........

RIB STITCH NEEDLES

Made from the highest quality steel. Heat treated, nickel plated.

2-1/4 .......... Curved..... 18 Gauge......... P/N 09-18300........... ea
4 ............. Straight ...... 15 Gauge......... P/N 09-18400........... ea
10 ............. Straight ...... 13 Gauge......... P/N 09-18500........... ea
14 ............. Straight ...... 13 Gauge......... P/N 09-18600........... ea
18 ............. Straight ...... 12 Gauge......... P/N 09-18700........... ea

“T” HEAD PINS

Used to hold fabric in place temporarily in covering operation.

P/N 09-18850...........

BLIND RIVETS

Use these 1/8 dia. Pop rivets to attach fabric to the ribs on Champion/Delavan aircraft. 100 Rivets. P/N 09-18900

WASHERS

Aluminum washers may be used in place of original plastic washers under screws and pop rivets to attach fabric to metal wing or empennage ribs.

Plastic, 1/8 I.D. x 1/2 OD
P/N 09-19000

Aluminum, 0.128 I.D. x 1/2 OD x 0.016
P/N 09-19100

DRAIN GROMMETS

Manufactured from virgin cellulose acetate butyrate resin.

<table>
<thead>
<tr>
<th>Grommet Type</th>
<th>Part No.</th>
<th>O.D.</th>
<th>I.D.</th>
<th>Price Each</th>
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<tr>
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<td>3/4 x 5/16</td>
<td>ea</td>
<td>ea</td>
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<tr>
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<td>1/2 x 3/4</td>
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<td>FLAT AN231-2</td>
<td>3/4 x 1/2</td>
<td>ea</td>
<td>ea</td>
<td>ea</td>
</tr>
</tbody>
</table>

*Depressed center — LESS 15% ON QTY. OF 100 (per Part No.)

INSPECTION RINGS

Plastic rings, 4 1/2 x 3 1/4 x 9 3/4 O.D. x 9 3/4 I.D. x 0.050 thick, molded from virgin cellulose acetate butyrate resin. To be cemented to fabric as inspection plate retainer. 20% Discount on 100 or more.

P/N 09-19200............ ea

INSPECTION RING PATCHES

Glued over inspection rings to prevent accidental removal.

P/N 09-18750...........

INSPECTION PLATES

DOMED - Concave aluminum snap-type plate has single clip riveted across full diameter. Snaps to the ring at 2 contact points. Plate is 4.75 dia.

P/N 09-19300............ ea.........../100

RECESSED - Recessed center and flanged-edge design will not creep off center due to vibration in propwash areas. 4-3/4 dia. x 0.020 aluminum. Will not twist or vibrate.

P/N 09-18740............ ea

CLEAR AIRCRAFT INSPECTION PLATE COVER

This is a clear window, aircraft inspection cover that is a cover replacement for a 3.5 inspection ring. The plate is made of Lexan plastic, can be used with an inspection hole size of 3.38 minimum up to a 3.56 maximum, and should not be installed on aircraft traveling at speeds in excess of 250 knots. It can be cleaned with standard aircraft windshield cleaners.

P/N 09-02114...........
PREVAL SPRAY GUN
Sprays paints, primers, gel coats, lubricating oils, cleaners, zinc chromate, etc. Perfect color matches in minutes. No hoses, no hoses-portable and disposable. Sprays up to 16 ounces of any liquid thinned to the same consistency as for heavy spray equipment. P/N 09-00339
#677 Complete Set  P/N 09-00340
#686 Power Unit  P/N 09-00339
#269 Product Container  P/N 09-00341

PAINT SAVER LIDS
Saves money, paint and clean-up time. Snaps onto top of can and pulls off quickly. Prevents drips down side of can and paint from getting in grooves of can. Made of rigid, long-lasting, recyclable plastic. Reusable. P/N 09-01754

POUR-IT REUSABLE PAINT LID
The only reusable paint can lid that seals to the inside of all one gallon cans. This keeps the paint out of the lid channel for a perfect re-seal. It keeps all contaminates out of your paint. As it was designed for accurate pouring, it also has a quality screw cap on the pour spout for easier access to trim paints, primers sealers that are used often, in smaller quantities. Pourit eliminates hazardous paint spill, saves clean-up time and reduces material waste. It is washable and reusable. This product should be used anytime you open a round one gallon can. P/N 09-01756

Jr. POUR-IT REUSABLE PAINT LID
Quality screw cap for easy access and is large enough for a 2 brush. It grabs the outside of the quart can so it will seal to the inside rim. Jr. Pourit converts any quart can into a jar for maximum material usage. It is washable and reusable. This product should be used anytime you open a one quart can. P/N 09-01757

STORE-IT PAINT SAVING DISC
The only paint saving disc that floats on top of any left over paint in a one gallon can. Storeit will eliminate the skimming and spoiling of paints in storage for reuse at a later date. It will contain VOC's in open containers. It will also eliminate all of your consumer waste disposal expenses associated with these problems. Storeit should be used anytime a paint is prone to skinning or any paint is put into storage for a long period of time. It is washable and reusable. P/N 09-01758

SPATCHIT PAINT SPATULA
Designed to remove all of the remaining paint from your one or five gallon container. Used as a spatula, it will eliminate the need for ragging clean the cans before recycling or disposal. It will eliminate your paint waste allowing you to transfer the last bit of paint into a smaller container for later use. This product should be used any time you are emptying a paint can. It is washable and reusable Spatchit has patents pending in the U.S. P/N 09-01759

AERODYNAMIC DENT FILLER
An easy-to-use two-tube system of aluminum filled resin curing agent. Aluminum dent filler may be used wherever shallow dents occur. Gel time is 10-15 minutes at 70 F. Repair cures to 80% strength in 90 minutes. Used extensively by the airlines and applicable to general aviation repairs. 180g Kit P/N 09-00335

PIPER INSPECTION FRAMES
Front Rear Strut Opening Reinforcements - Set of 4 P/N 09-00334
Naugahyde Cable Seal Kit - 2 slotted fuselage and 2 alleron punched cable seals P/N 09-00335
Front Trim Yoke Inspection Frame - Set of 2 P/N 09-00336
Underwing Inspection Ring Grommet Set of 2 P/N 09-00337
Tear Drop Reinforcement - Set of 2 P/N 09-00338

POLYESTER FLANNEL
45 width. For leading edge P/N 09-01750

SCOTCH-BRITE™ ULTRA FINE HAND PAD
7448
Use for cleaning, scuffing, deburring and finishing by hand with water or solvents. Will never rust. P/N 09-01753

PAINT FILTER MASKS (3M)
Give excellent filtration for nontoxic dusts, powders and spray particles. 3M No. 8500 180g Kit P/N 09-22200

PAINT STRAINERS
Cone type strainer. Medium mesh (48x36), for filtering all pigmented finishes. P/N 09-00334

PAINT STIRRING PADDLE

AIRCRAFT SPRUCE PAINT CAN OPENER
P/N 09-02063

FOR MORE 3M™ PAINT SUPPLIES AND ACCESSORIES SEE PAGES 345-352.
ULTRA-HIGH TEMPERATURE PAINTS
Exceptional durability up to 1200°F. Will not burn off, chip or peel when properly applied. No primer required. Ideal for exhaust stacks. Ultra-High Temperature paints air-dry in minutes but require curing at temperatures over 650°F.
• White #13-1
• Black #13-2
• Racing Silver #13-8

TEMPO MAINTENANCE & SPECIALTY PRODUCTS
Fluorescent Paint (Red/Orange) Up to 4 times brighter than other colors. Ideal for aircraft, boat - wherever visibility is vital. For best results, use over light colored base.

Chrome Paint restores new chrome appearance to chromed surfaces.

Scratch Filler Primer Ideal for filling nicks, scratches, and minor surface imperfections. They dry fast, are sandable, and provide a smooth uniform surface for top coats.

358

PREMIUM SELF-ETCHING PRIMER

CAN-GUN
Can-Gun is an aerosol spray can trigger handle which makes painting, cleaning, and lubricating jobs safer and easier. The user-friendly form-fit handle and trigger eliminates finger fatigue and provides the user with accurate control over the amount speed, and direction of spray. The built-in safety shield insures no more messy hands or fingers. Sprays virtually all spray paints, lacquers, polishes, cleaners, lubricants, sealers, and adhesives and Can-Gun fits most spray cans.

EPOXY PROPELLER COATING
Extends blade life. Tempo’s Epoxy Propeller Coating is formulated with the extra adhesion and abrasion resistance needed to protect propellers from corrosion and wear. Compared to standard enamel and lacquer paints, our epoxy formula stays on the blade more flying hours; hence, with regular use, this formula can extend blade life.

AIRGUN
Bright orange #3500 - Red Oxide
#3500 - Red Oxide

Neutral Gray Enamel Primer #750

 Flat Black ................... P/N 810............................
 White .......................... P/N 9-180 ........................
Blk Acrylic .................. P/N 09-01032 ..................

AIRCRAFT ENAMEL
Excellent adhesion to aluminum and steel
Tempo’s Aircraft Enamel has been especially formulated to adhere to aluminum and steel; providing excellent corrosion resistance. Recommended applications are all interior and exterior aluminum and steel surfaces, including wheels, landing gear and inside door hatches. For propeller blades, we recommend Epoxy Propeller Coating.

Neutral Gray Enamel Primer #750

09-00985 ................. Black
09-00989 ................. Gloss White
09-00987 ................. Medium Gray
09-02070 ................. Flat Black
09-00988 ................. Flat White
09-00991 ................. Aluminum

AIRCRAFT LACQUER
Dries in under 15 minutes
Tempo’s Aircraft Lacquer is ideal when a very fast dry is required. This blended nitrocellulose lacquer formula can be applied to all interior and exterior aluminum and steel surfaces, including wheels, landing gear and inside door hatches. When additional corrosion protection is required, we recommend Tempo Aircraft Enamel.

Clear ......................... P/N 809 ........................
Flat Black ................... P/N 810............................
White .......................... P/N 9-180 ........................
Bk Acrylic .................. P/N 09-01032 ..................

AIRCRAFT SPRAY COATINGS
All Tempo spray products feature the exclusive adjustable Fanspray valve which offers a professional spray pattern so anyone can paint like a pro. The extra-width pattern evenly coats about 3 times the area with each pass compared with an ordinary spray valve. Packaged in 11 oz. to 16 oz. cans, depending on product.

Discount: 10% on 6 cans, 15% on 12 cans, 25% on 24 cans. (May be assorted.)
METAL CLEANERS — PRIMERS

PREKOTE SURFACE PRETREATMENT
PreKote Surface Pretreatment from Pantheon Chemical, is a non-chromated surface pretreatment utilizing a safe, hazard-free technology that is flying on over 1,500 United States Air Force aircraft. PreKote offers superior adhesion, improved paint flexibility, and advanced corrosion protection on painted surfaces, relative to traditional chromate and conversion pretreatments (such as alodine). PreKote has passed stringent testing by the U.S. Department of Defense, the Boeing Company and other coating industry leaders. By eliminating the need for chromated conversion coatings (such as alodine), acid etches, solvent washes and other toxic processes, PreKote can reduce paint preparation time and costs by up to 40%. PreKote can be used on a wide range of surfaces including aluminum, steel, magnesium, titanium, CRES, galvanized surfaces, composite and plastic surfaces. Consistent, high performance results are achieved with a variety of paints and primers. PreKote is non-toxic, non-corrosive, non-flammable, CFC free, ODS free, odor free, and readily biodegradable upon disposal. FEATURES: • Easy & safe process • Quantified superior results • Immediate cost reductions • Reduces hazardous waste • Decreases material, labor, and hazardous handling costs • Results in a high-performing surface finishes • No short and long term health risks.

ALUMINUM PREPAINT PRODUCTS

ALUMINPREP USED FIRST MAKES THE PAINT FINISH LAST!
Use on unpainted aluminum aircraft, truck trailers, house trailers, boats, garage doors, outdoor furniture, etc.

ALUMINPREP NO. 33 — Use to clean, brighten and transform badly corroded aluminum to its natural appearance. Covers 400 sq. ft. per quart.
Q’t. P/N 09-01621
Qt. .............................
Gal. ..............................

ALODINE NO. 1001 — An invisible coat to provide in-depth corrosion proofing to the brightened aluminum surface and act as a firm barrier against the elements and continued corrosion. Covers 250 sq. ft. per quart.
Q’t. P/N 09-01628
Qt. .............................
Gal. ..............................

METAL PREP NO. 79 — A brush-on, wipe-off aluminum cleaner and paint preparer in one powerful, easy-to-apply formulation. It etches the metal, neutralizes hand marks, is smudgeless on alloy surfaces, removes oil and grease and will not burn. It provides a firm and lasting adhesion between aluminum alloys and paint. Dillute with 2 or 3 parts of water. Improved in early 1985. Metal Prep No. 79 is now even more active on the metal surface and offers superior performance. Covers 400 sq. ft. per quart.
Q’t. P/N 09-01625
Qt. .............................
Gal. ..............................

ALODINE NO. 1201 — After precleaning with Alumiprep 33 or Metal Prep 79, rinse with water. Apply Alodine without dilution by brushing or swabbing with sponge. Rinse with water and surface is ready for paint. This is a visible coating which leaves the surface with a golden coloration. The Alodized surface provides protection against weather and firmly bonds paint. One quart treats about 200 sq. ft.
Q’t. P/N 09-01619
Qt. .............................
Gal. ..............................

AQUAPREP AVIATION METAL CLEANER
AquaPrep is a safe, superior cleaner for use on any hard or soft surface and is designed to replace solvent cleaners. It may be used on painted, primed, or bare metal surfaces. It is non-staining, provides improved cleaning and improved corrosion resistance, and is compatible with MetalPrep and Alodine. Designed to remove sealers, wax, grease, silicone, and crayons. Try some new AquaPrep on your next metal cleaning project. Covers 400 sq. ft. per quart. 1 Gal.............P/N 09-42100

ALODINE TOUCH-N-PREP 1132
Touch-N-Prep Alodine 1132 no-rinse conversion coating effectively phosphates most metals including aluminum, ferrous and galvanized substrates. Doesn’t require rinsing, and can be air dried or force dried with hot air or an infra-red lamp. High density acrylic tip of the Touch-N-Prep applicator can be modified with a single edge razor blade to form any shape. The application method controls the amount of coating applied to the surface. Covers 20 sq. ft. P/N 09-01630

AKZO FAST DRYING INTERIOR EPOXY PRIMER
AKZO interior epoxy primer #663.12-8 is a chemically cured 2-component epoxy primer designed to provide non-staining protection from various chemicals, hydraulic fluids, aviation fuels, hydraulic fluids, and corrosive media. Drying to touch is 15 minutes and complete is 1-2 hrs. Shelf life is 1-2 yrs. Colors: 15000 Series. Green. Used extensively in military and aerospace applications and popular with aircraft builders. Uses 1 gallon of primer and 1 gallon of catalyst.
2 gal. kit..............P/N 09-24735
TR-19 Thinner..............P/N 09-00439

RANDOLPH W-2248 EP-420W EPIBOND EPOXY PRIMER (WHITE)
This white heavy duty chemical resistant solvent resistant alumi cured primer is fast drying and corrosion inhibiting. Can be applied cured to temps down to 35 F. Mixing ratio is 2 parts base primer: 1 part EP-430 Catalyst. Order in kits.

<table>
<thead>
<tr>
<th>Product</th>
<th>Part No.</th>
<th>Quart Price</th>
<th>Gallon Price</th>
<th>Price</th>
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<td>09-00573</td>
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<tr>
<td>Epoxy White base</td>
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<td>Rand F-500</td>
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<td>09-00567</td>
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<td>Rand EP430</td>
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</table>

RANDOLPH B-6433 RAND-O-PLATE EPOXY PRIMER (DARK GREEN)
This green primer is solvent resistant, alumi cured, fast drying and corrosion inhibiting. Can be applied cured to temps down to 35 F. Mixing ratio is 2 parts base primer: 1 part EP-430 Catalyst. Order in kits.

<table>
<thead>
<tr>
<th>Product</th>
<th>Part No.</th>
<th>Quart Price</th>
<th>Gallon Price</th>
<th>Price</th>
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<tbody>
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<td>Epoxy Green base</td>
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<tr>
<td>Rand E-500 Reducer</td>
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<td>09-00568</td>
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<tr>
<td>Rand EP430 Catalyst</td>
<td>09-00570</td>
<td>09-00571</td>
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</tbody>
</table>

RANDOLPH EPOXY VARNISH EV-400/EV-410
An excellent clear gloss epoxy varnish for interior and exterior use. It provides superior weather durability and excellent chemical and solvent resistance. Can be used over a Epoxy Primer. One component varnish primer if desired. Mixing ratio is 2 parts base varnish: 1 part EV-410 Catalyst. Order in kits.

<table>
<thead>
<tr>
<th>Product</th>
<th>Part No.</th>
<th>Quart Price</th>
<th>Gallon Price</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gallon Kit (yields 2.5gal) Incl. EV-410 Catalyst &amp; E-500 Thinner</td>
<td>09-00670</td>
<td>09-00671</td>
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</tbody>
</table>

RANDOLPH EPOXY ACCELERATOR EX-501
1/2 Pint..............P/N 09-00460

RANDOLPH C-2210
PAINT SURFACE CLEANER
A mild solvent blend formulated to remove oil, silicone, wax, and other contaminants from all metal surfaces before priming. Also removed tape gum from painted surfaces and acrylic windshield materials.
Q’t. P/N 09-40820
Gallon...........P/N 09-40810

359
CERTIFIED COATINGS MEK

- Used to clean fabric prior to applying the first Poly-Brush coat. Also used to clean brushes, paint guns, etc.

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>Price</th>
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<tbody>
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<td>Gallon</td>
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</tbody>
</table>

CERTIFIED COATINGS ACETONE

- Use to remove lacquer finishes, for cleanup after painting, and to soften lacquers or acrylics that have set up in spray guns or hoses. It has little effect on polyurethane which has cured in the lines. Use only virgin acetone as recovered acetone can damage virtually anything on which it is used.

<table>
<thead>
<tr>
<th>Size</th>
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<tbody>
<tr>
<td>Quart</td>
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<td>Gallon</td>
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</table>

AIRCRAFT SPRUCE ACETONE

- Use to remove lacquer finishes, for cleanup after painting, and to soften lacquers or acrylics that have set up in spray guns or hoses. It has little effect on polyurethane which has cured in the lines. Use only virgin acetone as recovered acetone can damage virtually anything on which it is used.

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
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<tr>
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<td>Gallon</td>
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</tbody>
</table>

CERTIFIED COATINGS TOLUENE (TOLUOL)

- Can be used as a reducer for enamels, wing walk compound, zinc chromate primer, etc.

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>Price</th>
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</thead>
<tbody>
<tr>
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<tr>
<td>Gallon</td>
<td>P/N 09-14400</td>
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</tbody>
</table>

TOP PAINT STRIPPERS

**TOP Paint Strippers (Pro) 5000-B** has been specially formulated for aircraft and marine applications.

- **TOP Paint Strippers** 5000-B (Brush/Spray type) has been specially formulated for aircraft and marine applications.

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>Price</th>
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<tbody>
<tr>
<td>1 Gal Can</td>
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<tr>
<td>5 Gal Pail</td>
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<tr>
<td>55 Gal Drum</td>
<td>09-02147</td>
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</tbody>
</table>

**TOP Paint Strippers - EF 6600-B (Brush/Spray type)**

- Environmentally Advantageous TOP Paint Stripper 6600-B has been specially formulated for aircraft and marine applications.

<table>
<thead>
<tr>
<th>Size</th>
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<th>Price</th>
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<tbody>
<tr>
<td>1 Gal Can</td>
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<td>5 Gal Pail</td>
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<tr>
<td>55 Gal Drum</td>
<td>09-02147</td>
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</tbody>
</table>

FABRIC REJUVENATORS

A blend of deep cutting solvents which penetrates the dope finish and restores some of the original flexibility. Use on old fabric in fair condition.

<table>
<thead>
<tr>
<th>Size</th>
<th>Part No.</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Gal Can</td>
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<tr>
<td>5 Gal Pail</td>
<td>09-07270</td>
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<tr>
<td>55 Gal Drum</td>
<td>09-07290</td>
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<td>55 Gal Drum</td>
<td>09-07330</td>
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</table>
NUVITE POLISH-PROTECTANT SYSTEMS

NUGLAZE SUPER PAINT GLOSSER
Nuvite introduces NuGlace to create a super high gloss show quality finish for paint in new or excellent condition. It adds a UV and sealant protection. It will put that final wet-look finish on good paint, and can be used as a final step for maximum gloss after using a drywash cleaner/polish. For Nuvite NuPower II. With regular NuGlace use, a continuing surface barrier against most of the effects of airborne chemicals and ultraviolet radiation is created. Paint can be maintained in new condition longer and maintain the color balance intended by the manufacturer with regular use.

Bugs and normal soil remove easily from a NuGlace surface, and the added gloss keeps the new paint look longer. NuGlace is simple to use and avoids complicated setups and special application or buffing equipment. Proven techniques and continuing technology advancement from Nuvite have come together to produce NuGlace - the best thing you can do to maintain and protect your new or new-looking paint. 1 gal........ 09-01224  5 gal........ 09-01225

NUVITE CIRIT-CUT CLEANER
NuVite Ciricut is a citrus based airframe wetwash and wipe down cleaner that is especially friendly to the environment. Works great for standard wet washing with mops or scrub pads. When used as a wet wash, water sheets off, minimizing water spotting. Ciricut is also handy for hand debugging or hand wipe down without need for rinse - so there is no need for water or floor cleaning. Spray Ciricit at 1:8 from hand trigger spray gun, let it sit for a short time, thoroughly debug or wipe down and wipe with towel until clean. Use a clean towel to buff up surface shine. No need to rinse surface. supplied as concentrate use 1:8 for hand wipe down or 1:16 in wet wash water.

P/N 09-00584

NIVUTE ONE-TIMER KITS
Give Your Plane a Show Winner Shine!
Two Quarts of Fantastick Nuvite NuGlace with PFS to give your new quialty paint a super show gloss look and UV protection. Includes special Terry applicator pad, towels and special microfiber gloss finishing cloths. For NuVite NuGlace details see Part No. 09-00584  09-01225. P/N 09-02025

Clean & Polish in One Step!
Two quarts of Famous Nuvite NuPower II cleanser/polish. Will clean tough dirt, oil and give your paint a slick, shiny New Paint look and leave a protecting coating against the sun's UV damage. Includes three Terry applicator towels and two special finishing gloss microfiber cloths. For NuVite NuPower II details see Part No. 09-00581  09-00580. P/N 09-02026.

Restore Your Paint to Look Great Again!
Two quarts of super Nuvite NuPol heavy-duty cleaner and paint restorer will clean up a really grimy one, removing fine surface deposits and revealing the bright color paint you once had, and leave an amazing super shine with UV protection. Includes two special spin fiber application pads and three very polished cloths. For NuVite NuPol details see Part No. 09-00583  09-00582. P/N 09-02027

NIVUTE C-49 SUPERCLEANER
Nuvite C-49 SuperCleaner is the most versatile and effective cleaner you can buy when you want to clean fabrics, leather, carpet, plastics, laminates and even metals. In other words, for cleaning all types of surfaces generally found in commercial, private aviation, building or institutional interiors, RV, truck and marine interiors, or even home interiors. P/N 09-02089

NIVUTE SSS-3 CLEANER
Nuvite SS-3 is the championship-caliber answer to the need for an effective and safe all-purpose liquid alkaline cleaner. It will clean the toughest of underbelly grease, oils and fluid leakage at full strength, or can be diluted to 1:12 to make an easy-to-use degreaser and whole-airframe wipe-down fluid that leaves a beautiful squeaky-clean and shiny surface that does not need to be rinsed. It works great for in-place cleaning during other airframe or engine maintenance.

P/N 09-02084

NIVUTE LEATHER GUARD
Nuvite Leather Guard helps you keep that brand-new, supple, fine finished leather look and feel for luxury aircraft, RV or automotive seating, fine furniture or institutional use. Leather Guard is the finest enriching formula available for leather nutrition.

P/N 09-02091

NUPOL POLISH / RESTorer / UV PROTECTANT
Same easy wet-on, let dry, wipe off surface cleaner with enhanced cleaning and oxidation removal capabilities. Ideal for tough cleaning due to long intervals between cleanings. Leaves a beautiful shine and an effective UV protective barrier.

Qt........ P/N 09-00583

Gal........ P/N 09-00582

NUPOWER II POLISH/UV PROTECTANT
Dry Wash Cleaner and Polish (Routine dry wash cleaning with gloss enhancement and UV protective barrier) - Use for routine cleaning where wetwashing is not possible or gloss enhancement is desired. Contains non-abrasive media to remove even stubborn soiling. Cleans dirt, dust, leaves carbon and conditions UV deterioration of paint. Can also be used to clean bare metal surfaces. Apply with mop, spun cotton pad, towel or by hand. Agitate uniformly over entire surface to a very thin layer. Let dry completely and buff off by hand with clean Terry towel. Supplied ready-to-use.

Qt........ P/N 09-00581

Gal........ P/N 09-00580

NUSHINE II POLISH/ SYSTEM
Nuvite engineers have formulated a system of polishes to meet the needs for almost any metal and paint polishing project. New metal to antique, the formulations in the Nushine II Polishing System will give superior definition, highlights, imagery, clarity, and will retain the finish longer than normal polishes. Nuvite's Nushine II graded polishes use high technology materials with programmed abrasive characteristics and are blended with superior carriers to offer the ability to produce cutting action when needed, yet offer micron-level finishing in the finer grades that produces highest reflectance and image excellence.

Grade S (for final finishes) The finishing grade that gives the really deep, clear image when used as a final finish over a properly prepared, oxidation-free surface. 0.5 Lb. jar........ P/N 09-00587

Grade G6 (SS - titanium or heavily oxidized aluminum) When a heavy cut of the surface is needed, G6 may be a good answer. G6 has a high-tech abrasive system that is designed to do a quick, aggressive cut, and immediately break down to a finer cut. Similar to Ultracut, G6 can be used when there is heavy oxidation on the surface of aluminum, or even when very light corrosion is evident. Can also be used to blend surface scratches in aluminum. Can also be used for polishing stainless steel. 0.5 Lb. jar........ P/N 09-00586

Grade C (for unpolished aluminum and repolishing degraded brightwork) - C is a cutting grade polish that we recommend to prep for using Grade S. Use Grade C to begin polishing on clad aluminum that has never been polished. Will also remove the cloudy/hazy white background found in many otherwise good polish finishes. 0.5 Lb. jar........ P/N 09-00585

NUSHINE II POLISH SYSTEMS
Polishes for both metal and paint finishing that will provide the finest surface finish available. Has been shown to outperform all other aviation, automotive and marine finishes in side-by-side testing by users throughout the world. Affords the operator the choice to select the grade of polish to match the needs of the surface to be polished, be it brand new, oxidized in use, or with atmospheric corrosion. Nushine II not only polishes paint metals and to an incredibly deep, clear and image reflecting surface, but also imparts a protective chemical barrier to inhibit corrosive oxidation to the metal.

Grade F9 1/2 lb........ P/N 09-02086

Grade F7 1/2 lb........ P/N 09-02087

Grade A 1/2 lb........ P/N 09-02088
AERO GLOSS
Aero Gloss polish is used by 80% of the world’s major airlines. It is now available to the general aviation and experimental aircraft market. Removes turbine soot and exhaust stains from paints. It is an excellent plexiglass polish and can be applied with a power buffer. It takes 1-2 pints and 3-4 hours to polish an average Cessna 182 with Aero Gloss.

Pint.................P/N 09-38100
Gallon.............P/N 09-38101
5 Gallon...........P/N 09-02180

STAR BRITE AIRCRAFT POLISH
This exceptional new polish cleans off dirt, stains and oxidation and restores the original bright color of the aircraft leaving a dazzling shine. StarBrite also cuts fuel consumption and boosts speed by reducing drag an amazing 5.5%. Contains no wax, oils or acids.

P/N 09-23900

TOP GUN ULTRA FINISH
Top Gun Ultra Finish is the ideal one-step product for all aircraft finishes. The product removes surface contaminates and oxidation through a unique chemical process, rather than using harsh abrasives. The coating left behind is not a wax, but an extremely hard and durable sealant. This affords superior long term protection (up to 12 months or longer), and easier cleaning of your finish. Once applied, bugs and plastic elements remove more easily. Use Top Gun Ultra Finish to add brilliance to your aluminum and magnesium alloys. It is also very effective in restoring clarity to plexiglass windshields, side windows, and lenses.

Made in the U.S.A.

16 oz.............P/N 09-00192

RACERS EDGE POLISH
Specifically formulated to provide drag reduction, use of this revolutionary formula results in increased air speed, protection, and the right side of the plane. It is lightweight tested by U.S. Air Force and engineering certified for all Boeing, Douglas and Airbus Aircrafts. Blend of highly protective properties provide maximum protection for all elements of nature, engine exhaust. Apply by hand or machine.

P/N 09-00157

SEAL-A-PLANE
Seal-A-Plane provide an unbelievable shine that seals and protects the finish; we have also found that the exhaust and bugs don’t have to stick to the surface and can be removed with just a damp cloth. Unlike products that were designed for the automotive industry, Seal-A-Plane is for aircraft and protects the aircraft surfaces form harmful UV rays and corrosion. Common waxes breakdown in the sun. Seal-A-Plane actually gets harder in the sun and is stable up to 500 degrees F. Seal-A-Plane contains no silicones and is toxic, non-abrasive and non-flammable. A non-silicone, non-abrasive and non-flammable product.

P/N 09-00157

MASTER FORMULA - SEALER GLOSS
Master Formula Sealer Gloss Protective Sealer waterproofs, protects and seals any hard surface. It leaves a durable, glossy protective coating that is easily maintained and lasts up to one full year. Master Formula Sealer Gloss is excellent for use on any metal or painted surface. These surfaces include all car finishes including clear coats, gel coats, plastics fiber glass. They also include all metal surfaces such as aluminum, chrome, brass, stainless steel, gold, silver and more. 16oz.

120Z. ...............P/N 09-02077
160Z. ..............P/N 09-01609

MET-ALL DETAIL POLISHING KIT
Met-All’s Detail Polishing Kit will produce a show room finish on bare metal, painted surfaces and fiberglass. Each bonnet features a recessed loop back so the edge and face can be effectively used with less concern for maring the finish. Change pads quickly and easily. Ideal for polishing aircraft, cars, motorcycles, boats etc.

P/N 09-00448

BLUE MAGIC METAL POLISH
Blue Magic produces a deep mirror shine. The oxide residue left after polishing is easily wiped off with a rag. A small amount will polish a large area. Airshow aerobatic pilot Chuck Lischer, Jr., whose high performance Swift is shown here, recommends Blue Magic as the best polish available for polished aluminum aircraft.

P/N 09-24600

210® PLASTIC CLEANER/POLISH
- Anti-static, Anti-fog • Will remove marks from crayons, magic markers and paint oversprays • Removes residue glue from protective backings and masking tape • Evaporating properties in the formula - cleaning is quick and easy without leaving any streaks or swirl marks • Resists fingerprints • Seals pores in plastic • Leaves a protective coating • Pleasant clean aroma • Gives plastic a clear, lustrous look.

7 oz..............P/N 09-00518
14 oz.............P/N 09-00517

210® WINDSHIELD CARE KIT
Recommended by LP Aero-Plastics and other leading aircraft windshield manufacturers, our 210 Plastic Cleaner 210 Plus will help keep your windshield crystal clear and scratch free for sale, enjoyable flying. Our Windshield Care Kit Contains: (1) 7 oz. 210 Anti Static/Anti-Fog cleaner polish, (1) 7.5 oz. 210 Plus Anti-Static plastic scratch remover, (100) 9 x 16 Sontara Aircraft Wipes.

P/N 09-00521

CLEARVIEW PLASTIC CLEANER/POLISH
Bring new life to your plastics with Clearview. Developed to clean, polish and protect all types of clear and colored plastics. Helps hide small scratches by filling them with a fine protective coating. Wipes off easily with no smudges or residue. Anti-static. Spray can. 16 oz.

P/N 09-00531

RAIN AWAY
A protective treatment which leaves a clear, smooth, non-stick surface. Visibility is improved by repelling rain, bugs, frost and road film. Raindrops bead up and are blown away while flying. Eliminates surface fog properties in its formula • Ideal for the removal of surface scratches and blemishes from windshields or heavy cleaning of all plastic materials • Water soluble, excess can be wiped off with a wet sponge or cloth • Easy to use.

15 oz..............P/N 09-00519

FINISH
XMP-S METAL POLISH (SUPERFINE) • For Light oxidation/scratches, Rain Spotting. Can also be used on painted surfaces

P/N 09-02181

XMP-M METAL POLISH (MEDIUM) • For Light oxidation/scratches, Rain Spotting. Can also be used on painted surfaces

P/N 09-02184

Granitize Metal Polish System
Simple but effective system of six polishes designed to polish painted surfaces, aluminum 22916T 2024T both clad and bare, and other metals including steel and titanium. All polishes are color coded to reduce cross contamination and aid in taking the guesswork out of any polishing procedure. When used properly, The Granitize System will produce a smooth, highly reflective mirror-like surface on brightwork that can be treated with Xzolon molecular adhesion to maintain the finish.

32 oz.............P/N 09-02080
1 GALLON........P/N 09-02081

Grat Rad s 362
ROLITE METAL AND FIBERGLASS POLISH
Rolite Metal and Fiberglass Polish will restore the original brilliance of virtually any metal surface, as well as being ideal for removing scratches in fiberglass and plastic parts. Rolite products are preferred by many EAA members maintaining bare aluminum aircraft as well as by commercial airlines and prop shops worldwide. Will create a mirror-like shine like you have never seen. Recommended for maintaining brilliant propellers and spinners.

ROLITE AP-300 ALUMINUM POLISH
A super-fine, high quality aircraft cleaner/polish that improves the appearance of alclad aluminum. It removes light to medium oxidation, soil, and jet blast residue with ease. Finished gloss and reflection of aluminum: extremely high.

ROLITE SUPRA 90 ALUMINUM POLISH
Developed and researched for the commercial aircraft industry. This precision aluminum polish is widely used by many domestic airlines, manufactured to meet Boeing and McDonnell Douglas Specifications (Boeing D6-17486; CSD-1, Type 1 V). Supra 90 will give you a mirror-like shine on your aluminum (or any other metal) surface that was never before believed possible

MAAS ALUMINUM & FIBERGLASS POLISH
Maa's polish removes fine scratches, prevents clouding on plexiglass windshields and windows, reduces air resistance, and repels moisture. It is used by major air carriers and has provided them with a 10% savings on fuel due to Maas ability to substantially reduce parasitic drag and friction on the leading edges of the aircraft. Excellent for use on anodized or bare aluminum, painted surfaces, plastics, plexiglass, and fiberglass.

VOODOO WAX™ RACING FORMULA
The Sun Protector. Protect your aircraft interior by using Rolite's maximum sun block formula. Contains no solvents, silicone oils, or petroleum distillates. Its anti-static formula will produce a shine on your vinyl or leather seats without being slippery or tacky. And it actually repels dust and removes even smaller dirt particles. Can be applied inside or outside your aircraft on glass windows, plastic windshields, engine covers, and instrument panels, and many other applications.

ICE AWAY PROP ICE GRIP INHIBITOR
Sooner or later, most pilots get into icing conditions and an ice-free propeller may be the ticket to safety. Years of testing have shown Ice-Away to be the answer for several aircraft in icing conditions. Ice-Away facilitates propeller ice shedding and enhances safety. Simply spray Ice-Away on the propeller leading edges and reapplies as necessary. 5.25 oz. spray can. P/N: 09-00264

PLAS-TEC PLEXIGLASS/PLASTIC CLEANER & POLISH
Plas-Tec cleans, shines, and protects today's high-tech plastics. Plas-Tec is a non-aggressive, optically clear cleaner that lifts fingerprints and smudges, leaving a protective, anti-static coating that resists dirt buildup. Plas-Tec is excellent for use on acrylic, Lexan, or Plexiglass windshields and windows as well as aircraft instrument panels, and many other applications.

ICE-AWAY SOIL BARRIER & STAIN PROTECTOR
Ice-Away is an advanced polymer system that seals painted surfaces to guard against corrosive exhaust gas, oil, and bug stains. It forms a slick, long-lasting, glass-like barrier that allows easy removal of turbine oil stains with just a stream of plain water. On paint in good condition, RejeX eliminates the need for a wax and protection that is applica
tion will last a minimum of 4 months. Surfaces to be protected should be clean, dry, and cool to the touch and the product should not be applied in direct sunlight. Damaging contaminants such as bug acids and exhaust stains will no longer be a problem. 12oz. Can. P/N: 09-01729

SPEED CLEAN™ - PLASTIC CLEANER/PROTECTOR
Just spray it on, let it work, and gently wipe off with a soft cloth. The surface is clean, protected and will be even easier to clean the next time. Now you can safely Clean and protect just about anything in your life that gets dusty. Plastic surfaces, found everywhere. Aircraft, autos, watercraft, kitchens, motorcycles, watches, and the list goes on. Once you clean the surface, Speed Clean leaves an invisible velvet smooth surface that dust and dirt from sticking to it. Cleaned surfaces will be static dust free for weeks, and everything will be even easier to clean the next time. P/N: 09-01962

REJEX SOIL BARRIER & STAIN PROTECTOR
RejeX is an advanced polymer system that seals painted surfaces to guard against corrosive exhaust gas, oil, and bug stains. It forms a slick, long-lasting, glass-like barrier that allows easy removal of turbine oil stains with just a stream of plain water. On paint in good condition, RejeX eliminates the need for a wax and protection that is applica
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ROCADEX™ ALUMINUM & FIBERGLASS POLISH
PNC-128. 2 oz. bottle...P/N: 09-35712

LESKON™ EXHAUST REMOVER
Bugs Off is a presoak bug and exhaust remover designed to remove organic matter, bug juice, and engine exhaust soot from surfaces of aircraft, automobiles, and trucks. Bug Off dissolves most dried up bug matter and exhaust soot in seconds. It eliminates scrubbing and does not affect painted surfaces.

RAIN-X™ WINDSHIELD WASH & WAX PROTECTOR
Rain-X is a no-solvent, water-based formulation that resists fogging, boils off much faster than other products, and prevents water spots for significantly longer periods of time. It is good for women who are too busy to wash their windows, business owners who want to maximize their time, and drivers who want to eliminate the need for frequent manual washings.

P/CRAV™ CRYSTAL POLISH & CLEANER
Rely on the accuracy of P/CRAV™ Crystal Polish & Cleaner. P/CRAV™ cleans and polishes every surface to a brilliant shine. It is specially formulated to clean and protect polished or painted surfaces and to restore brilliance to dull, faded finishes. P/CRAV™ is the perfect, water-based polish for removing scuff marks, light oxidation, and water spots.

ACTION CHIPKIT FIXES PAINT CHIPS AND SCRATCHES
The Action Chipkit stops rust and paint chips and scratches and produces repairs which are flush with the rest of the paint. The kit includes the Eliminator rust remover which is used to prepare the surface, and then the kit's clear paint chip stop for rusted areas. The kit's clear microfine sanding paper and metal block are used to create a smooth and flush finish. Extraline polishing compound completes the job by removing irregularities and restoring gloss. Everything you need for small paint chip repairs is included in the easy-to-use Action Chipkit.

ICE-AWAY FLIGHT CLEAR COAT PROTECTOR
Ice-Away is an advanced polymer system that seals painted surfaces to guard against corrosive exhaust gas, oil, and bug stains. It forms a slick, long-lasting, glass-like barrier that allows easy removal of turbine oil stains with just a stream of plain water. On paint in good condition, RejeX eliminates the need for a wax and protection that is applica
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PLEXIGLASS CLEANERS & POLISHES

NOVUS PLASTIC POLISH #1 CLEANES & PROTECTS

Novus Plastic Polish #1 gently cleans all plastics without scratching and leaves a lustrous shine that resists fogging, repels water, and eliminates static. Leaves a shield that resists fingerprints and smudging, and is non-toxic and free of strong odors. Contains no abrasives or harsh chemicals.

8 oz. P/N 09-38110..........................64 oz. P/N 09-38115

NOVUS PLASTIC POLISH #2 RESTORES & REFINISHES

Novus Plastic Polish #2 removes fine scratches, hazing, and abrasions from most plastics. With repeated use, it will restore deeply scratched and discolored plastics. Contains mild abrasives, but is non-toxic and has no strong odor. Creates a deep shine which resists scratching, marking, and aging.

8 oz. P/N 09-38120..........................64 oz. P/N 09-38125

NOVUS PLASTIC POLISH #3

Novus No. 3 removes heavy scratches and abrasions from most acrylic surfaces. This is an aggressive polish and is not intended for use on coated plastics or polycarbonates. Requires both Novus No. 1 and No. 2 polishes for final finishing.

8 oz. P/N 09-38130

SUPERCLEAN LEATHER, PLASTIC & RUBBER TREATMENT


8 oz. P/N 09-42520

MICRO-POXY AIRCRAFT CLEARCOAT

Micro-Poxy is a hand applied micro film epoxy coating for use as a sealer, anti-corrosion, anti-salt, and UV barrier for aircraft. It is non-porous and high gloss, making it excellent for reducing parasite drag, corrosion and chemical attack. It contains no surface deterioration, corrosion, and oxidation on urethane, lacquer, epoxy, acrylic, and enamel painted surfaces. Also excellent for protecting and restoring aircraft metal alloys and alloys.

8 oz. P/N 09-15560

SCRATCH OFF WINDSHIELD REPAIR KIT

Now you can polish away scratches and swirl marks on your Plexiglass windshield. SCRATCH OFF is a revolution in products designed to remove imperfections from Plexiglass surfaces. SCRATCH OFF can also be used on painted surfaces, fiberglass, Plexiglass and virtually any plastic surface. The standard kit treats one aircraft windshield, and the deluxe FBO size kit can be applied on several aircraft.

Standard Kit.........P/N 09-42600
Deluxe Kit.........P/N 00-02522

POLY-SAND SCRATCH REMOVER

This is the original Poly-Sand process. Consists of a series of cloth-backed cushioned abrasives which when used in proper sequence will restore the finish of plastics. Also used for fine finishing of wood and precious metals. Recommended by Rohm & Haas Co., manufacturers of Plexiglass. Kit includes series of Poly-Sand cushioned abrasive cloth tapes, all required accessories and instructions.

P/C A Kit #40..................P/N 09-24800

HI-TECH SANDING BACKING PAD (E-7200)

Makes repair work easy by distributing even hand pressure across the face of the paper. It’s flexible and easy to use on curved or flat surfaces.

P/N 09-23380

UNIGRIT SANDING PRODUCTS

Unigrit. Finishing Papers. Sanding Blocks use precise, uniform grit particles to eliminate deep sanding marks and leaves the need for compounds. More economical to use because they work faster, last longer, and don’t load up as quickly as conventional sanding products.

FINISHING PAPERS

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PLEXUS AIRCRAFT PLASTIC CLEANER, PROTECTANT & POLISH

Plexus was developed for use in aviation, specifically for cleaning and protecting aircraft windshields and painted surfaces. Its unique formula is a liquid wax-based polish, giving a clean, lasting shine and long-lasting protection. It is water-based and does not contain solvents, oil, or any harmful ingredients. It removes surface debris and dust, leaving a clean, clear surface. It is also used to seal and protect against fingerprints, water spots, and smudges. It is ideal for use on all types of plastic surfaces, including acrylic, lexan, polycarbonate, and fiberglass.

Plexus contains nothing that will harm any type of plastic surface. It is safe for use on all types of plastic, including acrylic, lexan, polycarbonate, and fiberglass. It is also safe for use on aircraft interiors, as it contains no harmful chemicals. It is non-toxic and does not contain any harmful ingredients. It is safe to use on any type of plastic surface, including acrylic, lexan, polycarbonate, and fiberglass.

Plexus is a safe and effective choice for cleaning and protecting aircraft windshields and painted surfaces. It is non-toxic and does not contain any harmful ingredients. It is safe to use on all types of plastic surfaces, including acrylic, lexan, polycarbonate, and fiberglass. It is easy to use and leaves a clean, clear surface.

Plexus was developed for use in aviation, specifically for cleaning and protecting aircraft windshields and painted surfaces. Its unique formula is a liquid wax-based polish, giving a clean, lasting shine and long-lasting protection. It is water-based and does not contain solvents, oil, or any harmful ingredients. It removes surface debris and dust, leaving a clean, clear surface. It is also used to seal and protect against fingerprints, water spots, and smudges. It is ideal for use on all types of plastic surfaces, including acrylic, lexan, polycarbonate, and fiberglass.
POLISHES – CLEANERS

**MICRO-MESH LEADING EDGE POLISHING KIT**
This kit will restore up to 100 sq. feet of unpainted aluminum surface. Perfect for leading edges, vertical and horizontal stabilizers, engine nose cowls and thrust reversers, removes oxidation, corrosion, orange peel, and surface scratches. Provides a uniform high-luster gloss.

**Specifications:**
- 1 - 5” soft interface pad with hook
- 1 - 5” x 3/4” nap TUFBUF lambswool polishing pad
- 1 - 1/4 lb. container aluminum polish
- 2 - 5” loop discs, Micro-Mesh 3200 AO
- 1 - 16 oz. bottle aluminum cutting fluid
- 2 - flannel cloths
- 1 - 5” soft interface pad with hook

**WASH WAX ALL (REGULAR)**
Wash Wax All is a water based cleaner/wax. Simply spray on and wipe dry, leaves an anti-static, non-stick protective coating on all surfaces such as paint, glass, plastic, leather, vinyl, rubber, wood, gel coat, aluminum, marble, granite and other hard surfaces. Also works great indoors on appliances, counter tops, cabinets, furniture, sinks, baths, shower, shop, lawn and garden equipment and furniture. Non-Corrosive • Alcohol Ammonia Free. Just Spray and Wipe It Off. 1 Qt. .......... P/N 09-00493

**WASH WAX ALL (DEGREASER)**
Wash Wax All (Degreaser) Is a water based degreaser/wax. For those tough, greasy, oily, and grimy cleaning jobs such as aircraft engine areas and bellies, car wheels and tires, boat transoms, water line and engine areas. Simply spray on and wipe dry, leaves an anti-static, non-stick protective coating on all surfaces such as paint, glass, plastic, leather, vinyl, rubber, wood, gel coat, aluminum, and other hard surfaces. Note: the use of SafeSolv may be needed in extremely oily and greasy cleaning situations. Non-Corrosive • alcohol & ammonia free. Quart............ P/N 00-04945

**AERO SCRUBBER KIT**
Soft, non-scratching, long-lasting, reusable scrubber pad. Use with Wash Wax All on tough cleaning jobs such as aircraft engine bellies, engine areas, leading edges, wheels and tires. Great for fast bug removal from painted surfaces. Each Kit includes 4 pads w/ 1 holder. 4 oz. .......... P/N 09-01616

**AERO TOWELS**
All purpose synthetic towel. Super soft, absorbent, long-lasting and lint-free. The best towel for all of your cleaning needs. 3 washable 16 x 16 Aero Towels per package. Quart........... P/N 09-00510

**LEATHER CARE**
Leather Care Provides the longest lasting barrier against drying cracking from damaging ultra-violet rays. Restores protects dull, faded, hardened leather and vinyl like new. Repels dust dirt without leaving oily residue. 1 Qt. .......... P/N 09-00503

**RUBBER CARE**
Rubber Care is easy to use water-based rubber and de-ice boot care product. Restores protects rubber, giving that new semi-gloss look without leaving oily residue. Excellent on weather stripping, tires or any rubber item. Quart........... P/N 09-00505

**CP/S CLEANER-POLISH/SEAL-COAT**
CP/S removes oxidation and dirt out of the paint layer and restores the original brilliance, color and gloss. Hard rubbing is not required. CP/S is designed for a light pressure manual application. CP/S can be applied in direct sun or on a hot surface, however, expect best performance when the surface is not hot to the touch. Proper application will provide the best results and will maximize the resin seal-coat for future protection. 16 oz. .......... P/N 00-07784

**KPC PRODUCTS, CLEANERS AND PRESERVATIVES**

**WINDSHIELD SPEED CLEANER & POLISH**
KPC Windshield Shield Speed Cleaner • Polish for Transparent Plastic Aircraft Materials. Meets U.S.A. Military Requirements MIL-C-18767A (ASG). This product is non-static, non-glaring, and abrasive free, will help prevent hazing and discoloration of clear plastic materials. Can be used in and, humid, rain or sunny conditions. Recommended for: plastic windows, windshields, windscreens, and instrument faces. AS-2 safety glass, plexiglas, lexan and mylar, formica and other structural plastics. Safe, quick, easy to use.
- 12 oz........P/N 09-00544
- 1 gal..........P/N 09-00545

**KPC VINYL COATED CLEANER AND PRESERVATIVE**
KPC Vinyl Cleaner and Preservative is a neutral biodegradable spray on - wipe off chemical. The finest chemical available for cleaning and preserving your breathable or solid vinyl, deep grained vinyls, pearlized vinyl, hercolyn, leatherette, naut-gahyde, or any synthetic fabric. No abrasives, residue, coating, or discoloration. KPC Vinyl Cleaner will not damage cloth, rugs, chrome, painted walls or any of the threads or seals that hold the vinyls together, or any backing of breathable vinyl as found on some of the imported cars. Leaves article soft and pliable.
- 12 oz...........P/N 09-00542
- 1 Qt..............P/N 09-00543

**KPC ALL PURPOSE LIQUID HAND CLEANER**
KPC All Purpose Liquid Hand Cleaner with lanolin and antiseptic leaves hands soft and smooth. For people who want their hands cleaned gently but thoroughly. Product is soluble and free from grit or harsh abrasives. Use with or without water. After application, rinse hands or dry with cloth. Recommended for mechanics, plumbers, painters, printers, roofers and any job where grease, oils, paint, sap, tar or grime is present. Also an excellent all purpose hand cleaner for home, office and shop. All Purpose Hand Cleaner is non-caustic and biodegradable.
- 8 oz........P/N 09-00546

**KPC RUBBER CLEANER AND PRESERVATIVE**
KPC Rubber Cleaner and Preservative restores new look to your rubber accessories. All rubber parts will look like new (no painted or artificial look). Cleans and preserves all rubber molding of aircraft, auto, commercial, etc. Cleans and restores floor mats whether clear, red, brown, etc. to their original color. Not harmful to paint, glass, chrome, rugs, aluminum, etc., and will not change the original color of any rubber material.
- 16 oz........P/N 09-00548

**KPC LEATHER CLEANER & PRESERVATIVE**
KPC Leather Cleaner and Preservative cleans genuine leather with a saddle soap base -preserves leather with pure neatfoot oil. A one step leather care for all leather goods. Wipe on-wipe off. No oily residue is left on your leather. Kleenmaster uses only natural animal oils which penetrate into the leather. It preserves the finish even if leather becomes hot. Product is nonflammable, free from offensive odor, and will not irritate skin. Helps prevent mildew.
- 4 oz........P/N 09-00550
- 8 oz........P/N 09-00551

**KPC AIRCRAFT SHAMPOO CONCENTRATE**
KPC Shampoo Concentrate for cleaning auto, aircraft and boat surfaces of fiberglass, aluminum, chrome or painted surfaces. Use in sun or shade, just shampoo and rinse. Will not remove wax when applied to a cool surface. 1 oz. of concentrate makes four gallons shampoo. Will not harm paint, glass, plastic, rubber, chrome or vinyl. Leaves a highly polished appearance. Helps protect surface from deterioration.
- 1 gal..........P/N 09-00553
POLISHES & CLEANERS

ALL KLEER

Black Labs Corporation is proud to introduce, All Kleer, the ultimate plastic windshield cleaner and polish. All Kleer was invented by a pilot over 25 years ago for cleaning and maintaining plastic aircraft windshields that require absolute clarity.

All Kleer is different than most windshield products on the market as it not only cleans dirt, bugs and grease but leaves a very fine, slick finish. This finish helps to repel water, dust, bugs, and water spotting - making it easier to see and to clean the next time. All Kleer contains no wax, ammonia, or abrasives and does not require the use of any water. A non-pressurized leak proof 8oz bottle is designed to be carried on board if desired. Simply apply All Kleer with a clean towel to a dry windshield cleaning off any bugs and dirt and allow 30-60 seconds for a haze to form. After it has completely dried, wipe off with a clean towel and feel the All Kleer finish.

P/N 09-01062

PRIST® ACRYLIC, PLASTIC AND GLASS CLEANER: FOR ALL TYPE OF WINDOWS

The convenient 13-ounce can is ideal for use on acrylic, stretched poly carbonate, glass, and coated glass. It may also be used for cleaning many other sources including aircraft interiors, goggles, helmets, lenses, and plastic and metal surfaces. Prist cleaner contains no abrasive cleaning agents and cleans without scratching glass or plastic surfaces. This prevents scratches in acrylic windshields that necessitate costly replacement. Unlike other cleaners, Prist cleanser dispenses as foam and leaves no residue. The cleaning agent soaks into the dirt, grease and insects to remove them with minimum effort. Suitable for interior and exterior cleaning. Prist cleaner prevents static charge build-up with regular use.

12oz. Can .................. P/N 09-02049
Case (12 Cans) .................. P/N 09-02049-1

PILOT’S VIEW POLISH & CLEANER

Ideal for GPS, Avionics, Plexiglas Windows and much more. This Product Will Not Scratch Anything. Safe on: Eyeglass/Sunglass lenses, Anti-reflective, protective coated, and shaded lenses, sun visors and plexi windshields.

1 oz. Spray .................. 09-01583
27 oz. Spray .................. 09-01584
Kit (27 oz. Spray / 1 oz. Spill) .................. 09-01585

GLARE PROFESSIONAL POLISH

A non-stick high-gloss all-weather sealant. The finest polish for your car, airplane, boat, motorcycle, glass, stainless steel, fiberglass, chrome, Carbon Graphite, and RV in the world’s market. Filters out UV rays from the sun. Extreme temperature resistant formula for all climates. Stops tires from cracking and fading. Great for all clear coated paints. Contains Glassplexin, a unique highly advanced swirl mark remover polish. GLARE Spider fills in permanently, it is NOT a temporary solution - not found anywhere.

12oz. .................. P/N 09-01055

GLARE SPIDER

“Another innovation of Ultra 2000 MFG Int’l, Inc. Beyond 22nd century technology.”

GLARE Spider is the most advanced swirl, spider web, and scratch removal product in the market. Ultra high purity metal interlinked fusion of glass particles to Glassplexin forming a unique highly advanced swirl mark remover polish. GLARE Spider fills in permanently, it is NOT a temporary solution - not found anywhere.

12oz. .................. P/N 09-01060

GLARE RAPID ACTION SPRAY


P/N 09-01057

GLARE ULTRA WASH

“ Cleans your vehicle, keeps your shine.”

The most advanced wash ever developed. A PH balanced concentrated wash. Safe for all paints and finishes including the new clear-coated paints. New technology that leaves your vehicle clean and glossy like no other vehicle wash can. Contains Glassplexin.

12oz. .......................... P/N 09-01062

GLARE VINYL • LEATHER • ALL WEATHER PROTECTANT

A special blend of natural ingredients and a chemical formulation called SUPPLEXIN which is designed to beautify, soften, deodorize, preserve, and protect against damaging agents found in the everyday usage of your vehicle’s interior. This product cleans, conditions, preserves, and protects in one easy step. Contains Glassplexin. Does not contain any harmful silicones, or adverse active ingredients. Blocks harmful UV rays.

12oz. .................. P/N 09-01056

GLARE LIQUI-CLAY

“The Clay Bar in a Bottle.”

Smoothes and removes stubborn blemishes before polishing. Won’t rescratch your paint like a regular Clay Bar. Fast and very easy to use. The MOST advanced claying system for your vehicle’s finish ever developed.

- Removes Color
- Picks up Debris, Fallout, Insects, & Dirt
- Particles like a Magnet
- Smoothes paint like glass
- Preps paint before polishing

12oz. .................. P/N 09-01059

GLARE TIRE MAGIC

“The ultimate in all one tire protection product!”

Glare Tire Magic will filter out harmful Ultra Violet Rays from the sun. Extreme temperature resistant formula for all climates. Stops tires from cracking and fading. Great for all clear coated paints. Contains Glassplexin, a unique highly natural high gloss finish. Splatter resistant formula. Easy to use - just spray and wipe

16 oz. .......................... P/N 09-01058

GLARE KNOCK OUT!

“Restores all paints, removes & reverses oxidation, and fills in scratches.” Glassplexin actually fills in the surface scratches and reverses oxidation to bring the painted surfaces to a new level of beauty not available with any other compounds.

One step compound: NO WAX NO SILICONE NO POLYMER
- Great for all clear coats -Easy to apply. Works quickly! Saves time!
- Removes swirl marks from all paint including clear coats
- Preps paint with the most advanced ingredient - Glassplexin

12 oz. .......................... P/N 09-01064

GLARE TURBO ACTION WHEEL CLEANER

Glare Turbo Action Wheel Cleaner is the most powerful, effective, fastest working wheel cleaner on the market. Safe for ALL types of wheels - Aluminum, Chrome, Magnesium - as well as clear coated painted wheels. Makes your wheels look show room bright and shiny the easy and safe way. Removes and dissolves dirt, grime, brake dust and grease. Spray on Glare Turbo Action Wheel Cleaner to dirty wheels hose off with clean water to get your wheels looking like new again.

16oz. .......................... P/N 09-01063

GLARE (GALLON) PROFESSIONAL POLISH • MICRO-FINISH • ULTRA WASH

GLARE Professional Polish – A non-stick high-gloss all-weather sealant. The finest polish for your car, airplane, boat, motorcycle, glass, stainless steel, fiberglass, chrome, Carbon Graphite, RV in the world’s market. Filters out UV rays from the sun. Extreme temperature resistant formula for all climates. Stops tires from cracking and fading. Great for all clear coated painted wheels. Contains Glassplexin, a unique highly advanced swirl mark remover polish. GLARE Spider fills in permanently, it is NOT a temporary solution - not found anywhere.

12 oz. .......................... P/N 09-01060


GLARE Ultra Wash – “Cleans your vehicle & keeps your shine” The most advanced wash ever developed. A PH balanced concentrated wash. Safe for all paints and finishes including the new clear-coated paints. New technology that leaves your vehicle clean and glossy like no other vehicle wash can. Contains Glassplexin.

Glare Pro Polish - Gallon .......................... P/N 09-01066
Glare Micro Finish - Gallon .......................... P/N 09-01063
Glare Ultra Wash - Gallon .......................... P/N 09-01060

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PLEXIGLASS RESTORATION - LEATHER CARE

MICRO-MESH WINDSHIELD SCRATCH REMOVAL KIT
Micro-Mesh is a cloth backed cushioned abrasive with a resilient layer of material between the back and the abrasive. When pressure is applied, the abrasive crystals recede into the resilient layer and find an even plane for cutting. The result is a smooth shaving action with an ultra fine scratch pattern which restores scratched, discolored, or damaged fiberglass or acrylics to like-new condition.  Kit includes everything needed to repair approximately 100 sq. ft. Standard Kit (restores up to 30 sq. ft.) .................P/N 09-24700.................
Large Kit (restores up to 60 sq. ft.) .................P/N 09-24701.................
Professional Kit (restores up to 100 sq. ft.)...........P/N 09-24716.................

MICRO-GLOSS POLISH
Safe for use on bare acrylic, bare polycarbonate, and coated polycarbonate. Tests using Micro-Gloss were completed according to ASTM F 791 standards and to USAF specification 162K002F (Addendum) at stress levels of 2000 and 3000 PSI in both dry and humid conditions. Approved for use on the inside and outside surfaces of F-16 aircraft. * Removes fine scratches
* Removes swirls created by improper cleaning methods.
* Removes haze and milkinson from interior/exterior windows.  * Provides a final polish, leaving you with an ultra-clear finish.  * Can be applied by hand or machine  * Approved for use by Boeing, Spec D6-52021  * Approved by military use, NSN #5350-01-334-89978 oz. ....P/N 09-24710..............

MICRO-SURFACE WINDSHIELD RESTORATION KITS
Micro-Surface Finishing Products, Inc. FAA Repair station K2YR869K, has been a leader in acrylic restoration for the past 30 years. The following kits were developed for use with standard power tools. Micro-Mesh is approved by Boeing/McDonnell Douglas, the Military and FAA. All kits come with easy to read instructions. Designed to save you both money and time, these kits will restore acrylic back to optical clarity using a minimum of steps. Re-order individual components as you need them. All kits restore up to 100 sq. ft.

MAINTENANCE KIT - Remove scratches, halos and haze. 5 White Foam Sponge Pad, 5 TuFBuf, All Natural Lambswool Polishing Pad, 5 Back-up Pad, 8 Ounce Bottle Micro-Gloss, 8 Ounce Bottle Anti-Static Cream, 2 Cotton Flannel  P/N 09-24715

LIGHT DAMAGE REMOVAL KIT - Remove minor scratches and scuff. 2-5 Loop Back Discs, Micro-Mesh 1500, 2-5 Loop Back Discs, Micro-Mesh 2400, 2-5 Loop Back Discs, Micro-Mesh 3600, 5 White Foam Sponge Pad, 5 TuFBuf All Natural Lambswool Polishing Pad, 5 Back-up Pad, 8 Ounce Bottle Micro-Gloss, 8 Ounce Bottle Anti-Static Cream 2 Cotton Flannel  P/N 09-24720

HEAVY DAMAGE REMOVAL KIT - Remove crazing, scratches, and gouges. 5-5 Loop Back Discs, Wet/Dry 120 Grit, 5-5 Loop Back Discs, Wet/Dry 220 Grit, 5-5 Loop Back Discs, Wet/Dry 400 Grit, 5-5 Loop Back Discs, Micro-Mesh 1500, 2-5 Loop Back Discs, Micro-Mesh 2400, 2-5 Loop Back Discs, Micro-Mesh 3600, 5 White Foam Sponge Pad, 5 TuFBuf All Natural Lambswool Polishing Pad, 5 Back-up Pad, 8 Ounce Bottle Micro-Gloss, 8 Ounce Bottle Anti-Static Cream, 2 Cotton Flannel  P/N 09-24725

MICRO-MESH POLYCARBONATE RESTORATION KIT
Excellent for restoring polycarbonate such as Lexan on aircraft, boats, cars, motorcycles. Will restore up to 100 square feet material. Kit includes: • 5" disc w/loop 2400 MicroMesh • 5" disc w/loop 3600 MicroMesh • 5" random orbital or drill back-up pad • 5/4" TuFBuf lambswood polishing pad • (2)11.5x12" flannel sheets • Instructions • 5" white sponge pad • 8 oz. Micro-Gloss #5 • 8 oz. Micro-Gloss • 8 oz. Final Finish P/N 09-00490

MICRO-MESH FINISHING KIT FOR WOOD
This kit is designed for craftsmen for use in hand finishing applications and without the mess of steel wool, rottenstone or pumice. Micro-Mesh may be used on bare or finished wood with wet or dry application method. A high reflective finish, satin or matte finish can be achieved, depending on how many Micro-Mesh steps are completed. This makes it an excellent product for spot matching of finishes. P/N 09-24705

PLEXIGLASS LENS REPAIR KIT
Protect your investment by restoring crazed, scratched, and plastic surfaces. Removes light scratches, and gouges. 5-5 Loop Back Discs, Wet/Dry 400 Grit, 2-5 Loop Back Discs, Wet/Dry 1200 Grit, 2-5 Loop Back Discs, Micro-Mesh 1500, 2-5 Loop Back Discs, Micro-Mesh 2400, 2-5 Loop Back Discs, Micro-Mesh 3600, 5 White Foam Sponge Pad, 5 TuFBuf All Natural Lambswool Polishing Pad, 5 Back-up Pad, 8 Ounce Bottle Micro-Gloss, 8 Ounce Bottle Anti-Static Cream, 2 Cotton Flannel  P/N 09-24725

PLEXIGLASS RESTORATION KIT
Micro-Mesh is a cloth backed cushioned abrasive with a resilient layer of material between the back and the abrasive. When pressure is applied, the abrasive crystals recede into the resilient layer and find an even plane for cutting. The result is a smooth shaving action with an ultra fine scratch pattern which restores scratched, discolored, or damaged fiberglass or acrylics to like-new condition.  Kit includes everything needed to repair approximately 100 sq. ft. Standard Kit (restores up to 30 sq. ft.) .................P/N 09-24700.................
Large Kit (restores up to 60 sq. ft.) .................P/N 09-24701.................
Professional Kit (restores up to 100 sq. ft.)...........P/N 09-24716.................

DEEP CLEANER FOR LEATHER
Perrone's Leather Cleaner / Conditioner is a premium blend of gentle cleansers and light conditioners formulated to clean and rejuvenate finished leather, vinyl and plastic surfaces. Perrone's Leather Cleaner/ Conditioner removes dirt, dust and oils without drying or damaging the surface.

DEEP CLEANER FOR LEATHER
This unique formula is custom blended to clean and rejuvenate fine leather surfaces. Leather Cleaner with Conditioner features a unique protective barrier that, when used regularly, helps to prevent soiling from stains such as dirt, grease, ink, grime and body oils. 16 oz. P/N 09-02120

LEATHER CONDITIONER
This unique formula is custom blended to clean and rejuvenate fine leather surfaces. Leather Cleaner with Conditioner features a unique protective barrier that, when used regularly, helps to prevent soiling from stains such as dirt, grease, ink, grime and body oils. 2 oz. P/N 09-02122

INK REMOVER
Perrone Ink Remover will help to effectively remove most ink and highlighter stains from finished leather surfaces. Removes lipstick and other stains quickly and effectively. Will not harm the finish system of finished leather. 2oz. P/N 09-02123

LEATHER CLEANING BRUSHES
Specifically designed for leather cleaning. Perrone's Leather Cleaning Brushes dig out tough soils and stains from the pores of surfaces and corrected grained leather. For best results use in conjunction with Perrone's cleaning products. Can also be used for suede and nubuck. Sturdy Wood Block with 3-1/2 x 2 Bristle Bed P/N 09-02123

HEADLIGHT REPAIR & SCRATCH-AWAY RESTORE KITS
PLEXIGLASS LENS REPAIR KIT - Removes crazing, scratches, scuffs, and haze from navigation light lens, recognition light lenses and landing light lenses. Not necessary to remove lens to restore to optical clarity.
PLEXIGLASS LENS RESTORATION KIT - Easy to use double sided MICRO-MESH SOFT TOUCH PADS make removing crazing and haze from lenses, lens covers, tail lights, tail light black- ings, and other reflectors a snap. Each pad contains 3 IN. x 4 IN. double sided pads in 120/220, 400/1500, 2400/3600, 4000/12000, 1 oz. bottle MICRO-GLOSS liquid abrasive, and 2 cotton flannel cloths. Clean, dry, and reuse over and over - A FANTASTIC VALUE.

ACRYLIC HEADLIGHT LENS RESTORATION KIT - Removes haze, cloudiness, and light scratches. Process will resurface the lens rather than fill in scratches. Once the process is complete, damage will not return. This is a spot repair kit. We also have larger kits available.

PERRONE LEATHER PRODUCTS

- DEEP CLEANER FOR LEATHER
- LEATHER CONDITIONER
- INK REMOVER
- LEATHER CLEANING BRUSHES
- HEADLIGHT REPAIR & SCRATCH-AWAY RESTORE KITS
CLEAR™ WINDSHIELD CLEANER

- Specifically developed for aircraft windshields.
- Flight Bright CLEAR provides optimum visibility without harming the windshield film.
- Features: Easy to apply • High gloss finish • Leaves no white powdery residue • Anti-static • Non-abrasive • Prolongs windscreen lifespan • Non- Yellowing Formulation
- 22 oz. P/N 09-00792

FINAL APPROACH™ POLISH & SEALANT

- Provides long-term protection and an impressive high gloss finish. No wax or free silicones. Safe for all types of paints, clear coats, graphics, fiberglass and plexiglass.
- Features: Easy to apply • High gloss finish • Leaves no white powdery residue • Acid rain and sun fading protection.
- P/N 09-00794

ARRIVAL METAL POLISH

- Arrival Metal Polish is a first-class liquid polish designed to give your aircraft a premium shine in no time. It is the ultimate polish for the restoration of a fine finish on unpainted metals. Arrival also works great in the removal of rust and oxidation.
- P/N 09-01090

ILS™ INTERIOR LEATHER SYSTEM

- Flight Bright ILS uses a gentle balance of moisturizers, lanolin oils to nourish, preserve and enhance fine leather. With regular use, this conditioning compound softens and transpires leather to prevent dryness and cracking.
- Yellow application sponge included. Features: Moisturizes • Nourishes Softens
- P/N 09-00802

PRE-FLIGHT™ WASH (CONCENTRATE)

- Highly concentrated, commercial-strength, gloss-enhancing wash. Contains no acids, silicones, waxes or damaging sodium chloride. Its thick foaming action delivers a thorough but gentle wash. Features: Cuts through grease & oil in seconds • Non-corrosive • Solvent-free.
- 2.5 oz. P/N 09-00795
- 2 oz. P/N 09-00796
- 1 Gallon P/N 09-00797

TAKES-OFF™ BUG REMOVER

- Specifically formulated to soften and neutralize the acidic proteins found in bugs. TAKES-OFF safely removes bug residue without removing polish or damaging paint, clear coat, glass, plastic, metal and chrome.
- Features: Powerful & effective • Will not remove polish • Excellent spot cleaner for bugs in between regular washings • Ready-to-use as a pre-soak for bugs before washing
- 2.5 oz. P/N 09-00805
- 1 Gallon P/N 09-00807

GO-AROUND™ WATERLESS WASH & DETAILER

- Gives your aircraft that just-polished, slippery feel and high gloss wet-look. Fast and easy to use. Petroleum-free silicone-free, Flight Bright GO-AROUND safely removes dust, bugs and mild grime.
- Features: Won’t scratch, streak or smear • Anti-static gloss enhancer • Leaves no oily film
- 2.5 oz. P/N 09-00798
- 1 Gallon P/N 09-00799

DRIVEN AUTOMOTIVE POLISH

- Driven Automotive Polish is the most highly advanced formulation of premium grade polish polish on the planet. It has a super high gloss wet look with incredible depth and clarity, the sheeting action reduces water spots that wipe clean. Nothing sticks. Harmful elements can’t bite in. Easy to apply in sun or shade. Can be applied to an entire vehicle before wiping off. Will not harden or cake. Long lasting. Holds up under intense heat from sun and severe winter cold for up to 1 full year. Excellent for use on aircraft.
- P/N 09-00776

DRIVEN QUICK SPRAY CONCENTRATE

- Driven Quick Spray Concentrate is a highly concentrated, biodegradable solution, not only cleans water spots, it brightens and enhances the finish while strengthening Driven’s legendary non-stick protection with each application. It uses biodegradable surfactants to remove hard water spots, dust, particles, fingerprints and other fresh surface contaminants, allowing them to be wiped away without streaking. Driven Quick Spray Concentrate will not strip polish or wax. And it won’t stain or yellow the paint. Rich foam from this concentrate deepens and enriches all hard surfaces, adding brilliance and protection to your finish. Excellent for use on aircraft.
- P/N 09-00779

DRIVEN MARINE POLISH

- Driven Marine Polish is the most highly advanced formulation of premium grade polish polish on the planet. Sheeting action reduces water spots that wipe clean. Nothing sticks. Harmful elements can’t bite in. Easy to apply in sun or shade. Super high gloss wet look with incredible depth and clarity. Long lasting. Holds up under intense heat from sun and severe winter cold for up to one full year. Maximum U.V. inhibitors prevent sun damage. Excellent for use on aircraft.
- P/N 09-00777

DRIVEN WASH CONCENTRATE

- Driven Premium Marine Wash safely cleans all automotive and marine finishes without striping polish or wax. Activated by water, this unique combination of cleaning agents foams away surface contaminants while brightening and nourishing the finish with a full spectrum of protective polymers. Biodegradable pH balanced. Safe for clear coat and fiberglass gel coat. Super concentrate provides more washes per bottle. Sheeting action is highly effective in the reduction of hard water spots. Rich foamy lather will not streak. Brightens and extends polish protection and shine. Excellent for use on aircraft.
- P/N 09-00780

DRIVEN PROTECTOR

- Driven Vinyl/Rubber/Leather Protector is a premium Polymer-based cream that conditions, preserves and protects new and old vinyl, rubber and leather. This superior, water-based formula is soft and supple without being slippery or greasy. This conditioning formula feeds and nourishes new vinyl, rubber and leather with a full spectrum of rich gels, protective polymers and U.V. sunscreens. It also rejuvenates old and neglected surfaces that have dried and faded due to weather, exposure and the sun’s damaging rays. Excellent for use on aircraft.
- P/N 09-00781

DRIVEN FINISH RESTORE

- Driven Finish Restorer promises delivers unparalleled performance. This dramatically different premium grade glazing compound was designed using only the very highest quality of ultra fine micro abrasives to achieve world class results. These precision abrasives with numerous exterior facets and extremely sharp edges are the critical element for safe removal of oxidation, heavy water spots, surface contaminants, stains and light surface scratches. Driven Finish Restorer simultaneously feeds the finish with a full spectrum of essential polymers and oils resulting in a phenomenal shine. Safe for all automotive and marine finishes including paint, clear coat, fiberglass gel coat and all types of metal. This unique combination of safe cleaning and nourishing is sure to bring out the very best in your finish. Excellent for use on aircraft.
- P/N 09-00782

FLIGHT LINE KIT

- The complete Flight Line Kit comes with a custom-made, compartmentalized, easy-access, leak-proof gear bag. Each of the following Flight Bright products are included: CLEAR™ WINDSHIELD CLEANER • FINAL APPROACH™ Polish & Sealant • GEAR-UP™ Exhaust Oil Remover • GO-AROUND™ Waterless Wash Detailer • ILS™ Interior Leather System • PRE-FLIGHT™ Wash Concentrate • TAKES-OFF™ Bug Remover • AIRCRAFT WINDSHIELD WIPES • ANTI-STATIC HAND PAD • MULTI-FIBER POLISHING CLOTH • ARRIVAL METAL POLISH • Also included is a Flight Bright T-Shirt.
- P/N 09-00808
THE PROPER AIRCRAFT CLEANING PRODUCTS

TRI-GUARD™

The Best boot treatment available!

One of the most frequently asked questions we receive from aircraft owners is: What is the best way to take care of my de-ice boots and not spend a lot of time. After researching, testing, and re-testing, The Proper Aircraft has found a solution. Tri-Guard® De-Ice Boot Protectant, the newest edition to The Proper Aircraft’s line of quality aircraft cleaning products. Tri-Guard® is a rejuvenating conditioner with a high gloss shine, as well as a component to help with the ice-shed process. It is specially formulated to achieve superior care of your de-ice boots in less time (and money) over traditional multi-step products.

Description

To ensure the most effective results, proper preparation is key. Tri-Guard® Prep Cleaner is formulated for use before each application of Tri-Guard® De-Ice Boot Protectant. It effectively cleans the de-ice boot of all old boot treatments, ensuring the best results.

TRI-GUARD™ PREP CLEANER

1 Gallon .......................... 09-02029
16 oz. .................................. 09-02028

To ensure the most effective results, proper preparation is key. Tri-Guard® Prep Cleaner is formulated for use before each application of Tri-Guard® De-Ice Boot Protectant. It effectively cleans the de-ice boot of all old boot treatments, ensuring the best results.

1 Gallon .......................... 09-02031
16 oz. .................................. 09-02030

AEROSURFACE WASH

Formulated specifically for aircraft finishes. Aero Surface Wash quickly penetrates and loosens oil and grease without stripping the wax. Its advanced, highly concentrated cleaning formula cuts through stains, dirt and acid rain. It revives colors and dries without streaking or spotting. Gentle, yet effective, Aero Surface Wash is safe for all aircraft exteriors.

AERO SURFACE WASH

16 oz. .......................... 09-02014
1 Gallon .................................. 09-02015

SAFE, yet aggressive, Power Clean Gel attacks even the most stubborn cleaning problems. It removes bugs, grease, oil, bird droppings and hydraulic oils. The gel stays where it’s sprayed no runs, no drips. And it cleans the leading edge and difficult exhaust stains without damaging the paint. Use our Sontara disposable wipe cloths Power Clean Gel to achieve the best results.

POWER CLEAN GEL

16 oz. .......................... 09-02015
1 Gallon .................................. 09-02016

WINDSHIELD GEL

One of our best sellers. Cleaning gel formulated for acrylic windshields. Unlike other window cleaners, Windshield Gel doesn’t streak or leave a residue. Windshield Gel’s unique blend of ingredients penetrates and lifts dirt allowing a clean wipe off and a sparkling, streak-free finish. It cleans, shines, and protects without scratching. Safe on all surfaces. Its antistatic qualities and excellent vertical clamping are specially formulated for acrylic windshields.

WINDSHIELD GEL

16oz .......................... 09-02017
1 Gallon .................................. 09-02018

 LIQUID CARNAUBA WAX

Liquid Carnauba Wax the ultimate in shine, durability and protection. Liquid Carnauba Wax will safely protect your finish from the effects of insect stains, acid rain, engine exhaust and other finish eaters. Our unique formula Liquid Carnauba Wax contains the highest-grade #1 yellow carnauba wax the best in the world. The special ingredients are designed to protect and preserve all aircraft finishes, including clearcoats. Its easy-on, easy-off application is a plus. For use on newer finishes.

LIQUID CARNAUBA WAX

P/N 09-02021

LEATHER CONDITIONER & PROTECTOR

There’s nothing quite like the look and feel of new leather. And there’s nothing quite like the Proper Aircraft Leather Conditioner for keeping it that way. The Proper Aircraft Leather Conditioner keeps your interior soft and vibrant without leaving a greasy residue, prevents soiling and inhibits moisture loss. The Proper Aircraft Leather Conditioner contains natural penetrating oils that nourish the hide’s deep fibers and restore moisture, improving the leather’s resiliency. It’s highly concentrated, so a little goes a long way. Before conditioning, we recommend that you first clean leather using The Proper Aircraft Leather Cleaner.

LEATHER CONDITIONER & PROTECTOR

P/N 09-02022

WINDOW POLISH

The Proper Aircraft Window Polish removes fine scratches and helps restore clarity to aircraft windows. Manufactured to meet milspec PP560B specifications, Aircraft Window Polish is safe and effective for use on all acrylic aircraft windows. It removes cumulative surface soils, produces a smooth, lustrous finish and is nontoxic, antistatic and noncorrosive to adjoining aluminum surfaces. Simply apply the polish, let dry, and wipe it off. The results: Clear, clean, residue-free windows.

WINDOW POLISH

P/N 09-02019
### SPRAY NINE CLEANERS & DEGREASERS

#### AV-8 MILITARY AIRCRAFT SOAP
**From Spray Nine**

Type IV Heavy Duty, Water Dilutable Cleaning Compound. AV-8 is biodegradable, highly concentrated. Bioemulsion blend of surfactants and builders that provide a broad range of cleaning on painted and unpainted aircraft exteriors, aerospace ground equipment (AGE) and AGE engines with the assistance of a proprietary blend of corrosion inhibitors. AV-8 is low emulsifying and will not negatively impact oil water separator systems and other pollution abatement systems.

- **55 Gallon Multi-Purpose** - P/N 09-01979
- **1 Gallon Multi-Purpose** - P/N 09-01977
- **32 oz Multi-Purpose** - P/N 09-01976
- **5 Gallon** - P/N 09-01982

#### BIO ENZYMATIC CLEANER
**From Spray Nine**

Bio Enzymatic Cleaner from Spray Nine For Concrete Floors, Asphalts and Paints. Great on Oil Stains. Bio Enzymatic Cleaner is an innovative new cleaner/degreaser oil stain remover from Spray Nine Corporation. Featuring a unique mix of oil breaking surfactants and non-flammable, non-abrasive water-based biodegradable enzymes that digest into highly specialized organisms to naturally digest grease and oil stains at the source. The formula is also solvent-free, non-flammable and non-abrasive for added environmental benefits.

- **32 oz** - P/N 09-01988
- **1 Gallon** - P/N 09-01989

#### SPRAY NINE MULTI-PURPOSE CLEANER
**From Spray Nine**

Cleans Disinfects Degreases Deodorizes Removes Stains Tough Task Cleaner - Spray Nine’s non-ionic power tackles your worst cleaning jobs, even when others fail. And it does it FAST Money Saver - The only product necessary to clean up facilities, maintenance costs. One does it all formula reduces chemical use and gets the job done with less labor in less time than the competitors. Broad Spectrum Disinfectant - EPA-registered disinfectant kills harmful germs like HIV-1, Staphylococcus aureus, Salmonella choleraesuis and E. coli in just 45 seconds. Also helps prevent cross contamination. Authorized by USDA for use in federally inspected meat poultry plants with an L-1 rating.

- **24 oz. Multi-Purpose** - P/N 09-01974
- **25 oz. Multi-Purpose** - P/N 09-01975
- **32 oz. Multi-Purpose** - P/N 09-01976
- **1 Gallon Multi-Purpose** - P/N 09-01977
- **5 Gallon Multi-Purpose** - P/N 09-01978
- **55 Gallon Multi-Purpose** - P/N 09-01979

#### EARTH SOAP CONCENTRATED CLEANER/DEGREASER
**From Spray Nine**

Premium Environmentally Preferable Cleaner Cutting-edge biodegradable technology combines powerful surfactants with low emulsifying action to create Earth Soap, a potent, yet environmentally thoughtful product. Earth Soap’s innovative formula dissolves dirt, grease, grime and other hard-to-remove soils from most hard, washable surfaces. This versatile concentrated cleaner may be custom-formulated by diluting in any proportion with water - from 1:1 for heavy soil loads to 50:1 for routine light-duty cleaning. Additionally, Earth Soap contains NO solvents, butyl, phosphates, or other harsh chemicals. Earth Soap’s formula is also solvent-free, non-flammable and non-abrasive for added environmental benefits.

- **32 oz** - P/N 09-01980
- **1 Gallon** - P/N 09-01981
- **5 Gallon** - P/N 09-01982
- **55 Gallon** - P/N 09-01983

#### GREZ-OFF HEAVY DUTY DEGREASER
**From Spray Nine**

When Nothing Else Cuts it - Grez-Off works hard so you don’t have to. This heavy-duty answer to heavy-duty grease and grime leaves engines, machinery, asphalt, garage floors and more while leaving behind a pleasant coconut fragrance. Easy On Hands - Fortified with emollients to prevent drying and cracking. Leaves behind a pleasant coconut fragrance.

- **32 oz** - P/N 09-01980
- **1 Gallon** - P/N 09-01981
- **5 Gallon** - P/N 09-01982
- **55 Gallon** - P/N 09-01983

#### POLY SCRUB HEAVY-DUTY HAND CLEANER
**From Spray Nine**

Industrial Strength Paste-Type Hand Cleaner - Hits hard with millions of dirt busting poly scrubbers to dig out and mop up even the toughest soils. Tough On Dirt, Gentle On Hands - Contains no harsh solvents that dry out hands yet powers off dirt, grease, ink, adhesives, hydraulic fluid, carbon and more while leaving behind a refreshing lemon-lime fragrance. Fights Foul Odors - Combats fish, onion, garlic, fuel, oil, lubricant, printer s ink odors.

- **5 oz** - P/N 09-01990
- **3.8 Pound** - P/N 09-01991
- **26 Pound** - P/N 09-01992

#### COCO SCRUB HEAVY-DUTY HAND CLEANER
**From Spray Nine**

Tough On Dirt - Industrial strength hand cleaner formulated with millions of dirt busting poly scrubbers that dig out and mop up even the toughest soils. Easy On Hands - Fortified with emollients to prevent drying and cracking. Leaves behind a pleasant coconut fragrance.

- **7.5 oz** - P/N 09-01993
- **4 Pound** - P/N 09-01994
- **26 Pound** - P/N 09-01995

#### POLY 500 HAND CLEANER DISPENSING SYSTEM
**From Spray Nine**

Economical - Use just one dollop of Poly Scrub to clean even the dirtiest hands. Each 4 lb. cartridge packs 500 dollops when dispensed through the POLY 500 - so each wash is only pennies per use. Convenient - Simply insert a fresh 3.8 lb. tub - no mess, no waste. Durable - Rugged injection molded construction and durable plastic components will hold up to the toughest use and abuse. Lockable - Lockable lid keeps Poly Scrub fresh Secure - P/N 09-01996.
COMPOSICLEAN AIRCRAFT CLEANING PRODUCTS

COMPOSICLEAN BUCKET-WASH
Bucket-Wash concentrate is neutral pH and safe and effective on all aircraft. Bucket-Wash will not attack composite components or assist corrosion. With several cleaning agents, real Carnauba Wax U.V. protection additives this is the right stuff. 64 ounce with pump top. P/N 13-05254

COMPOSICLEAN SUPER SPRAY-WAX
Super Spray-Wax is neutral pH and SAFE on all aircraft. Will not attack composite components or assist corrosion. With several cleaning agents, real Carnauba Wax U.V. protection additives, this product is sure to satisfy. Provides a great shine and superior protection. Try it with one of our MicroFiber cloths. 1 Quart with commercial quality trigger sprayer. P/N 13-05253

COMPOSICLEAN MULTI-PURPOSE CLEANER
This multi-purpose ALKALINE cleaner is very effective at breaking down grease, oils, carbon and other stains. Use with brush or rag to agitate for tougher Stains soils. 1 quart with commercial quality trigger sprayer. This is not a neutral pH product. P/N 13-05256

COMPOSICLEAN HAZE GLAZE
A neutral pH mild abrasive cleaner/ polish in one. Removes oxidation haze, surface-stains, swirl marks and paint overspray. Haze Glaze also removes minor acid rain contamination, light scratches increases gloss on base coat clear coat finishes. A great one-step or fast step product in the detailing process. Use Composiclean Haze Glaze by hand or with orbital/random style buffers. Use Composiclean Haze Glaze on clean dry surface. Apply Haze Glaze to buffing cloth/pad or directly to surface. Rub or buff in circular motion then flip cloth or change to dry pad for finish buff. 1 quart with flip-top. P/N 09-02065

COMPOSICLEAN VIEW POLISH
Composiclean View Polish will probably be the best glass cleaner you will ever use, try it around the house too. Use View-Polish on windscreens, side windows, plastics, Lexan, acrylic and glass. You will see no streaking View-Polish is guaranteed to leave no film. Non-caustic-non-flammable, Non-ammonia formula dries fast and contain no CFC’s that deplete the ozone layer. View-Polish is also a great bug remover for the leaning edges, wheel pants, car grills etc. Spray product onto area to be cleaned (the thick foam helps it hang there), wait 2 to 3 minutes then wipe clean. Give View-Polish a try with our Microfiber cloths, you’ll love it offered in big 19oz aerosol can. P/N 13-05257

COMPOSICLEAN LEATHER CLEANER & CONDITIONER
A rich conditioning cream that cleans leather as it brings back softness. Leaves leather looking natural with no greasy residue. 1 quart with flip top. 32oz. P/N 13-05258

COMPOSICLEAN MICRO- FIBER CLOTH
Microfiber is a man-made product that consists of two fibers, Polyester and Polyamide. The Polyester is the scrubbing and cleaning fiber, while the Polyamide is the absorbing and quick drying fiber. Each square inch in a Microfiber towel contains approximately 90,000 MicroFibers. Microfiber is a lint free, non-abrasive, and hypoallergenic products.

COMPOSICLEAN SUPER SQUEEGEE
Super Squeegee is perhaps the most versatile squeegee you’ll ever own. It works great and is extendable from 12 to 22. It is designed to be used in a back n forth motion saving time and effort. It’s perfect for use on the irregular and curved surfaces of an airplane. P/N 13-06323

COMPOSICLEAN WASH MOP
Soft chenille mop has 180 Swivel Head, handle extends up to 45. Includes 1 replacement head cover. P/N 13-05261

COMPOSICLEAN SOLAR SCREEN
This is a Composiclean Solar-Screen typically attached to the inside of a window looking right into the sun. Comes in 6" x 9" and 9" x 12". Great for airplanes, cars, boats, RV’s and can be cut to fit inside motorcycle ski helmets too. 6X9 P/N 13-05263 P/N 13-05262

COMPOSICLEAN PROPER CARE KIT
1 - 64oz Composiclean Bucket-Wash with pump top
1 - 32oz Composiclean Super Spray-Wax with trigger sprayer
3 - Plush 14" x 14" Micro-Fiber cloths
1 - Super-Soft Chenille wash mitt
1 - 11 Composiclean Super Squeegee
P/N 13-05264
VPCI™-415 HEAVY DUTY ANTI-CORROSIVE CLEANER & DEGREASER
Cortec Corporation's VPCI -415 Conforms to Stringent Boeing Specifications. Cortec Corporation proudly announces the recent conformance of VPCI -415 to Boeing's commercial specifications (D6-17487 Revision P). VPCI -415 is a highly concentrated, non-toxic, heavy-duty, biodegradable cleaner/degreaser, which provides up to six months protection against corrosion. It is a waterbased alkaline cleaner and degreaser offering unique flash corrosion protection. It can provide corrosion protection for up to 6 months during indoor storage, and is formulated to meet the requirements for cleaning and corrosion protection of aircraft. The compounds contained in VPCI -415 function by altering hydrocarbons so that the deposits can be removed with water. It can be metered into power washers, steam cleaners, dip tanks and other cleaning equipment. Along with good detergent properties, it is hard water stable. VPCI -415 offers improved cleaning plus multimetal corrosion protection action in one step, resulting in significant savings. VPCI -415 has the unique ability to remove such deposits as heavy hydrocarbons, grease, drawing, buffing machinery compounds. This concentrated alkaline cleaner degreaser is not only an excellent cleaner, but also leaves behind VPCI (Vapor Phase Corrosion Inhibitors) designed to protect aluminum from corrosion. This product is currently used by the Coast Guard for cleaning aircraft stationed in salt spray environments. Use at 10-25% in wash water solution.

Tested:
- MIL-PRF-28297D
- ASTM D 2240
- ASTM F 483-90
- ASTM F 484-93
- ASTM F 485-98
- ASTM F 502-93 F
- ASTM F 519-93 Type 1C
- ASTM F 1104-87
- ASTM F 1110-90
- ASTM F 1111-88

Features:
- Biodegradable.

P/N 09-01999

Case of 4..........................P/N 09-02113

STRIKE HOLD II
CLEANER/PENETRANT/LUBRICANT
Strike Hold is a potent anti-corrosive and has a dielectric strength of 38,000 volts so it can also be used on electrical contacts and connections. Its capillary action will quickly encapsulate metals by flowing against gravity and under overlapping sheets of metal. It is a highly penetrating and mobile liquid with CFC s and is non-flammable by flame projection test as opposed to other liquids containing butane or propane propellants. It completely seals out water with a shield film. The carrier agent evaporates (unlike ACF 50!) and does not leave a dust collecting film to re-contaminate a surface. The flash point is in excess of 450 F and the freezing point is -85 F. This product is heavier than water and does not damage polymers, rubber or plastics.

P/N 09-00890

AERO-600 AVIONICS CLEANER
The secret formula used in the film and photography industry, is now available for the aviation community. Eliminate fingerprints, streaks, dust, dirt, oils, from your avionics, glass cockpit screens, electronic flight bags, GPS screens, Laptop, and plasma screens. Aero 600 - tested for well over three years by professionals in the aviation industry with outstanding results. Its designed to have industrial strength, be powerful, yet mild and gentle to your screens. We keep a bottle in the side pocket of our corporate aircraft and have been using it exclusively to clean our instruments, laptop screens and even our eyeglasses. It never streaks and helps keep the dust at a minimum. Nina Anderson, Hawker pilot. Aero 600 is also safe for use on Laptop, TFT LCD screens, LCD, Plasma Projection TV's LCD and Projection screens have a soft membrane in place of glass which can easily be degraded by harsh chemicals. Plasma screens have a thin delicate protective coating which also can be damaged.

P/N 09-02040

STEWART SYSTEMS PROPOLISH
Stewart Systems Propolish is the perfect metal polish to use in conjunction with Stewart Systems EverShield. Propolish holds its shine longer than most other polishes and is very easy to use. Wipe on, wipe gently until polish is black, and wipe off. Repeat until you achieve the desired shine. Use SS Propolish on bare metal or chromed surfaces, and then apply EverShield to make the shine permanent. SS Propolish is available in green for cleaning and white for finishing.

Green 8 oz......................P/N 09-02054
White 8 oz......................P/N 09-02055
Green 16 oz......................P/N 09-02056
White 16 oz......................P/N 09-02057
TOwels — CleanerS

MICROFIBER CLEANING TOWELS
These non-abrasive, super absorbent cleaning towels are excellent for cleaning plexiglass, rotors, props, and fronts of aircraft to remove bugs and dirt without fear of scratching. Microfiber needs only water to work due to its unique construction. Used extensively on aircraft, boats, RVs, and motorcycles. Available in Terry style (16 x 16, blue) and in Chamois style (16 x 24, gold).

Terry style…………P/N 09-00272…………ea.
Chamois style……P/N 09-00273…………ea.

KIMTEX SHOP TOWELS
The heavy-duty oil and solvent disposable wiper to replace cloth. Excellent for machine shop use.

#35600…………P/N 09-30600…………ea.

MICROFIBER CLEANING CLOTH
The Mystic Maid Microfiber Cleaning Cloth will clean all hard surfaces to a streak-free brilliance without chemicals. No cleaning agents, soaps or detergent is needed; just the cloth and water. Simply wet the cloth, wipe the surface, and the cloth leaves a brilliant surface that air-dries in seconds. Machine washable and reusable for countless applications. Removes grease, dirt, and dust. Excellent for cleaning the aircraft windshield and on leading edges for bug removal.

13 x 20 cloth…………P/N 09-00191…………ea.

AERO WIPEASE

AERO WIPEASE SILVER-CHROME-COPPER WIPES - A new convenient and easy way to clean and shine all the Chrome, Silver, Copper, Steel and metal surfaces on your aircraft. With brighter and corrosion inhibitors, anti-static and lint free, provides excellent polishing and restoring. Keeping your aircraft looking like new, Moisture Lock Lid. 35 Wipes. P/N 09-01237…………………………ea.

AERO WIPEASE CABIN & INTERIOR WIPES - A new convenient and easy way to clean and shine your aircraft or boat cabin and interior. Anti-static and lint free with UV protection to use on Plastic, Glass, Vinyl, Trim, Dash, Laminated Wood and Leather. Keeping your aircraft or boat looking like new also works well on your automobile. Moisture Lock Lid. 35 Wipes.
P/N 09-01238…………………………ea.

AERO WIPEASE GLASS COCKPIT & AVIONICS WIPES - A new convenient and easy way to clean your glass cockpit and avionics. Removes finger prints, smudge, dust and dirt. Anti-Static and lint free, safe to use on all Radar, LCD display, GPS. Touch Screen, Laptops. Function display. Perfect size to fit in your flight bag. Moisture Lock Lid. 35 Wipes.
P/N 09-01239…………………………ea.

SONTARA AIRCRAFT WIPES
Tough Dupont Sontara AC aircraft wipes are the smart choice for both aircraft manufacturing and maintenance. Their strength and durability make them ideal for a wide variety of general purpose pre-paint applications. Sontara AC wipes remove surface dust clean because they’re extremely low-linting. Tackles tough cleaning agents without falling apart. Every Sontara AC is clean right out of the box. No chemical residues or stains. Sontara is specially engineered to resist snagging on metal parts and corners. Superior to paper wipes which snag tear. Outperforms cheesecloth which leaves strings behind when it snags on a rivet. Sontara AC is great for wiping surfaces dry because it contains no additives that hamper absorbency.

9 x 16 Wipes (Box of 100)…………P/N 09-00369…………ea.
12 x 16 Wipes (Box of 125)…………P/N 09-00368…………ea.

NEVR-DULL WADDING POLISH
Cleans and polishes all metals including: Silver, gold, brass, copper, pewter, glass, steel, aluminum, and chrome. Nevr-Dull removes rust and tar from automobile and motorcycle chrome. Excellent for Mag and chrome wheels, boat fittings, workshop tools, fishing gear, sinks, showers and campers.

5 oz.…….P/N 1035605………………ea.

NEVR-DULL POLISH
Cleans and polishes all metal including: Silver, gold, brass, copper, pewter, glass, steel, aluminum and chrome. Removes rust and corrosion instantly. Nevr-Dull removes rust and tar from automobile and motorcycle chrome. Leaves no deposits in the crevices of metal work. Excellent for: Mag and chrome wheels, boat fittings, workshop tools, fishing gear, sinks, showers and campers.
P/N 09-24350…………………………ea.

TIRE CLEANER
Dissolves grease, oil and road grime. Unique optical brighteners whiten white walls and leave tires with even, natural, black luster. No harmful bleaching agent.
P/N 1060618………………ea.

WAX AS-U-DRY
After washing your aircraft leave it wet, then spray Wax-As-U-Dry on the surface. After the water sheets away, you dry the surface with a chamois towel. The result is high gloss shine without spending the afternoon buffing. A one step spray wax is a blend of water reactive polymers and waxes that are safe for a painted surfaces, windows, trim and wheels.
P/N 09-00370………………ea.

MEGUIAR’S GOLD CLASS

MEGUIAR’S GOLD CLASS ALL PURPOSE CLEANING WIPES
Meguiar’s combines its strongest cleaning and degreasing formulas in a disposable wipe. Designed for multi-surface use including vinyl, metal, rubber, chrome, plastics, fabrics. Meguiar’s Gold Class wipes are environmentally safe, non-abrasive and non-toxic. Packaged 25 to a container, the 7 x 9 wipes store easily in plowboxes, trunks or bulkheads. They are powerful enough to clean road grime from wheels and engines, or salt spray from fiberglass hulls, yet safe on hands.
P/N 09-01651………………ea.

PROTECT ALL POLISH
Protect-All makes everything look better - cleans and polishes in one easy step. Works on vinyl, rubber, plastics, painted surfaces, fiberglass and chrome. Use Protect-All on the entire aircraft, inside and out, including windows.

6 oz. spray can…09-000556……………ea.
13.5oz. spray…09-24900……………ea.
1/2 Gallon Jug…09-000598……………ea.
1/4 Gallon Jug…09-000601……………ea.

PROTECT ALL QUICK & EASY WASH
A non-abrasive, anti-static, water repellent wash that replaces soap detergent products and eliminates rinsing when washing aircraft and other surfaces. No hose is needed; Easy Clean. Quick and Easy Wash removes oxidation, stains and heavy grime with a strong cleaner or polishing compound before using Quick and Easy Wash for the first time. From then on use 1/2 oz. (1 capful) in a bucket with 2 qts of water for an average size plane. Use 1 oz per gal. for larger aircraft Wash a section at a time then just chamois, towel or squeegee dry. This is especially important where water use is restricted. Because you don’t need to rinse, you can wash in your hangar and airplane tie-downs.

Pint…………P/N 09-24910……………ea.
Quart…………P/N 24920……………ea.
Gallon…………P/N 24930……………ea.

PROTECT ALL FIBERGLASS OXIDATION REMOVER & COLOR RESTORER

PROTECT ALL BLACK STREAK CLEANER & DEGREASER
Use on 100 s of surfaces indoors and outdoors. Removes: Black streaks, grease and oil, stains, bugs, mildew, soap scum and more. Extra heavy-duty and super cleaning power makes it not only removes the heaviest black streaks quickly and easily, but may be diluted 100 s of uses indoors and outdoors. Use full strength for big jobs and dilute to make gallons of multi-purpose cleaner. Biodegradable.
P/N 09-01660………………ea.
Cleansers – Polishes

**Perfect Detail™ Surface Enhancer**
Perfect Detail™ is the nation’s leading choice for producing wet look shine. A light mist instantly produces maximum depth of gloss and flawless glassy brilliance on clean coat, black, and all other paint finishes. It works especially well on all other non-porous surfaces (such as chrome, glass, etc.) while lightly cleaning and accenting soft surfaces such as vinyl, rubber, and leather. For engine detailing Perfect Detail™ can’t be beat. Perfect Detail™ is anti-static and slippery, enabling it to resist dust, dirt, and abrasion better than any product.

<table>
<thead>
<tr>
<th>Size</th>
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<tbody>
<tr>
<td>18 oz</td>
<td>09-00165</td>
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<tr>
<td>1 Gallon</td>
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**Belly Wash™ Degreaser**
Water-based BellyWash™ is highly concentrated for versatility and cost-effectiveness in any aircraft surface maintenance situation. It can be applied in any manner spray, brush, wipe, power washer, etc. and can be diluted with water by as much as 80:1 for routine cleaning in commercial application. Stubborn stains are dissolved almost on contact using full strength BellyWash™, making it perfect for keeping troublesome aircraft bellies and wheel well areas in like-new condition. When used properly and surface concealing grime and petroleum-based residues form the aircraft engine area, Belly Wash™ makes it possible to perform a more thorough inspection when checking for potential maintenance problems.

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<tr>
<td>1 Gallon</td>
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**Wing Clean™ Leading Edge Cleaner**
One major performance factor the aircraft owner/operator can improve upon is complete removal of all parasitic drag resulting from impacted air debris on the leading edges. Wing Clean™ is specifically formulated to both safely and effectively dissolve the problem. Wing Clean™ ST water-based non-solvent spray-soak-rinse application dramatically improves an aircraft’s flight-ready condition. Routine use of Wing Clean™, in series with PPC’s Perfect Detail™ and Prestige Protective Polish, produces a microcellular separation barrier on leading edge surfaces, making future bug removal a progressively easier task.

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<td>1 Gallon</td>
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**Crud Remover™**
Crud Remover made with water is an environmentally safe replacement for heavy-duty petroleum cleaning solvents. It’s extremely powerful degreasing and defatting abilities enable it to dissolve fuel, soot, and oil deposits on contact, grease and heavy grime in seconds, and virtually any stain from any surface including cloth in a matter of seconds. It also loosens bolts. It can be applied in any manner spray, brush, wipe, or soak, and simply rinses off with water.

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<tr>
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<tr>
<td>1 Gallon</td>
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**Aero Glaze Dry Wash & Polish**
Aero Glaze is a high-grade protector and restorer. Removes oxidation, fuel stains, soil, insects and exhaust deposits. Aero Glaze retards corrosion, resists stains and prevents paint deterioration.

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<th>Size</th>
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<tr>
<td>1 Gallon</td>
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**Kleen Jet Cleaner & Degreaser**
Kleen Jet is a biodegradable aircraft industry cleaner and degreaser. It is a water-soluble, non-flammable, non-toxic concentrate that leaves no oily film or residual gumming and is safe for use around other fuels. Removes carbon, oil, grease, insects and inhibits corrosion and rust.

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<th>Size</th>
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<tr>
<td>1 Gallon</td>
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**Big Orange Plus**
A citrus scented degreaser and cleaner designed for the aircraft industry. This surface degreaser is non-irritating but will remove heavy encrustations. Big Orange Plus combines solvent power with an emulsifier system that removes SKYDROL, hydraulic fluids, fuel stains, exhaust soot.

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<td>1 Gallon</td>
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**Fleet Wash**
Fleet Wash aircraft wax and wax is an effective cleaner that leaves a wax-like surface on the washed aircraft. Contains a high percentage of W-200. Fleet Wash leaves a high luster, water-repellent surface which helps to repel dust.

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<th>Size</th>
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<tr>
<td>1 Gallon</td>
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**Formula 2™ Cleaner/Protectant**
Formula 2™ Cleaner/Protectant is a chemically unique multipurpose liquid which thoroughly cleans, beautifies, and protects all leather, rubber, vinyl, and finished wood products in one easy step without留 any greasy film. Due to its unique chemistry, Formula 2™ can also be used on painted and plastic surfaces. When applied sparingly to such surfaces for dries to a slick smooth, invisible coating resistant to mud, fingerprints, food splatters, soap scum, water spotting, etc. On leather, rubber, and vinyl Formula 2TM first dissolves away imbedded grime, then penetrates and softens the material to give it new life and flexibility, at the same time providing a lustrous, weather-resistant finish to prevent future deterioration.

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<th>Size</th>
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<tr>
<td>20 oz</td>
<td>09-00174</td>
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**Easy™ Aluminum Polish**
Easy™ Aluminum Polish is a liquid polish that produces a mirror-like shine in seconds on smooth aluminum, magnesium, stainless, brass, nickle, etc. Its ability to melt oxidation and simultaneously bring up the metal’s true brilliance can’t be matched by any other polish. The application of Easy™ allows its exclusive acrylic polymer barrier to lock onto the metal surface and surface to resist staining, tarnish, and weathering effects indefinitely. The fine mirror finish can easily be maintained with a quick touch up application of product as desired.

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<tr>
<th>Size</th>
<th>P/N</th>
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<tr>
<td>8 oz</td>
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</table>

**Real™ Wheel Cleaner**
Real™ Wheel cleaner is the first detergent-based single product able to clean brake dust and corrosion from any type wheel in seconds. It works on contact to remove corrosion and scale, carbon, oil, soot, dirt, road tar, brake dust, carbon, oils or neglected wheels (aluminum, stainless, brass, bronze, zinc) and is great for antique restoration. Real™ Wheel Cleaner’s exclusive detergent action saves both time and money when detailing any vehicle.

<table>
<thead>
<tr>
<th>Size</th>
<th>P/N</th>
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<tbody>
<tr>
<td>18 oz</td>
<td>09-00179</td>
</tr>
</tbody>
</table>

**Naturally New™ Tire Dressing**
Naturally New™ Tire Dressing utilizes PPC’s advanced water-based polymer technology to produce an effective, cost-efficient dressing that actually protects rather than destroys the integrity of the sidewall. Naturally New™ exactly describes the lustrous sheen imparted on contact with this instant action formula. The dry, semi-permanent barrier is both water repellent and resistant to dust, dirt etc. Naturally New™ Tire Dressing adds maximum beauty while conditioning to keep that new tire look during the treadlife of the tires.

<table>
<thead>
<tr>
<th>Size</th>
<th>P/N</th>
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<tbody>
<tr>
<td>18 oz</td>
<td>09-00180</td>
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</table>

**Premium Leather Care Products**
Perrone’s Leather Cleaner and Conditioner is a premium blend of gentle cleansers and light conditioners formulated to clean and treat both new and old leather. It can be used as a leather cleaner, conditioner, or solvent-based protectant for leather, vinyl and plastic surfaces. Removes dirt, dust, and oils without drying or damaging the surface. Helps protect leather from weathering and fading. Leaves leather surfaces soft, supple and smelling like new again. The wipes are treated with the same leather cleaner/conditioner as in the spray bottle. This quick, convenient and cost effective method of reducing ink stains, dirt, grease, and body oils from penetrating leather surfaces will add to the longevity and appearance of your aviation leather interior without any adverse effects on flammability.

<table>
<thead>
<tr>
<th>Size</th>
<th>P/N</th>
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<tbody>
<tr>
<td>32 oz, with trigger sprayer</td>
<td>09-00557</td>
</tr>
</tbody>
</table>

**Sunblock™ for Leather Kit**
Sunblock’s newest product features cleaning and protection for leather that prevents stains and cracking. The SunBlock Cleaning System for leather interiors keeps your leather soft and supple by maintaining the moisture in the leather and preventing the destructive effects of everyday use while preserving the leather topcoat. Regular use of SunBlock Leather Cleaner and Sunblock Protection Cream will maintain the original look and feel of the leather without affecting the leathers breathability. This kit is safe for all leather except Suede or Nubuck.

**Contents:**
- 5 oz Bottle of Sunblock Leather Soft Cleaner
- 5 oz Bottle of Sunblock Leather Protection Cream
- 1 Soft Cloth
- 1 Sponge

<table>
<thead>
<tr>
<th>Size</th>
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<tbody>
<tr>
<td>P/N 06-01048</td>
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</tbody>
</table>
JET STREAM AVIATION PRODUCTS

POWEROAM SPRAY & WIPE FOAM CLEANER

An exterior and interior spray and wipe cleaner. On aircraft exteriors, Powerfoam will effectively clean carbon exhaust, engine cowlings, oil and bugs. Excellent for use between wash jobs as a trip ready wipe and cleaner. On aircraft interiors, Powerfoam will completely clean smudge marks, nicotine stains, fingerprints and food stains. Can also be used on leatherette, sinks, table tops, woodwork, stainless steel, lavs, painted or similar surfaces.

19 oz. Can ...............P/N 09-37970

SUPREME GLAZE

AIRCRAFT FINISH TREATMENT

Supreme Glaze is a semi-flowing paste cleaner wax that cleans, shines, resurfaces, all aircraft painted surfaces while bringing out the brilliance of the original color. Supreme Glaze safely removes light to medium oxidation and scratches. Excellent for use on carbon exhaust stains associated with aircraft such as King Airs. Supreme Glaze contains color brighteners and will protect against oxidation, salts, UV rays, hydraulic fluid, insect residue and acid rain. Can be used by hand or machine polisher.

16 oz. bottle..............P/N 09-37980

FLYERS SPEED-WAX

WATERLESS DRY-WASH

SpeedWax is a specially formulated waterless aircraft polish and high gloss protectant Dry-Wash. This product is Carnauba Rich and easy-on, easy-off. With Flyers there is no need to pre-clean any surfaces before using. Due to EPA regulations, cleaning aircraft with soap and water is becoming more and more regulated. Flyers SpeedWax is the answer to the ever increasing EPA restrictions. This product will allow you to clean your aircraft in a reasonable amount of time, leaving the surface of your aircraft highly protected.

16 oz. bottle..............P/N 09-42015

JET STREAM METAL POLISH

SKAI METAL POLISH - Skai Metal Polish is designed to polish and restore aluminum or stainless steel to a mirror image. Used for polishing aircraft leading edges, spinners, engine inlets, thrust reversers and bare aluminum skins. Also safe for use on aircraft paint for removing heavy oxidation and stains. Skai Metal Polish is also very economical. A one pound container will normally equal several pounds of our competitor’s products. Skai makes very little mess when you are polishing and will not sling over the aircraft if used properly. Skai is non-abrasive, fast cutting and quick to clear under a buffer. Surfaces treated with Skai are protected and resistant to oxidation.

MIRROR IMAGE - Mirror Image Brightwork Swirl Remover is designed to remove swirls in polished metal caused by machine buffing. Mirror Image can also be used as a light maintenance polish between machine polishing jobs. Contains corrosion inhibitors and anti-oxidation agents for long lasting protection on all polished metal. Mirror Image will produce 100% protection while sealing the polished metal.

1 Lb. can. Polish ..........P/N 09-41713

Mirror Image 5 oz. roll Swirl Remover .........P/N 09-41715

AIRCRAFT SQUEEGEE

Squeeggee has been improved by adding locking threads for pole attachment and is now constructed from white plastic instead of metal. Will remove water from un-even aircraft surfaces safely and smoothly. You will save time and dozens of wet towels while completely drying any size aircraft in just minutes.

BUFFING / POLISHING PADS

Buffing Pads are made from 100% wool with a 1-1/2 inch pile. These pads can be used for all of your brightwork and paint polishing needs and will cut through oxidation quickly and wear evenly for extremely smooth polishing. Our buffing pads can also be washed and re-used multiple times for long lasting life. They do not have velcro backing and are designed to be used with a threaded nut and backing plate.

BUFFING PADS SPUR / CLEANER

Absolutely a must tool when buffing. The Buffing Pad Spur Cleaner is used to break down compound build-up without removing the pad from the machine polisher. When buffing, your pads fill up with polishing compounds not allowing to perform properly. The Buffing Pad Spur Cleaner will quickly and efficiently remove this build-up, restoring the pad to its full potential.

375
Precision machined and hand assembled for a lifetime of trouble-free operation, the Cyclo Polisher’s dual heads orbit in a random, overlapping motion that mimics fine hand polishing. Leaves a dazzling, swirl-free shine every time. The Cyclo Dual Head Orbital Polisher is the most effective means of polishing available today. Even in the hands of a novice, it is safe to operate and provides professional results every time. The difference lies in the tool’s overall balance and its patented dual heads. The dual heads operate in a synchronized motion, providing the most effective results without fear of heat buildup; damage to trim pieces, moldings and gaskets; swirl marks, holograms and more. The low-vibration and balanced design allow for a more even application and better control when operating.

**Cyclo Orbital Polishers for Aircraft**
Genuine Cyclo Polishers: a fifty-year heritage of quality.

**Cyclo Cleaner-Deoxidizer**
CTI Cleaner - Deoxidizer is great for removing hairline scratches and light to medium oxidation. Its mild abrasion creates a clean, smooth surface. Does not contain any shine components. Follow with polish or wax.
- 1 gal. ..........P/N 09-00413
- 16 oz. ..........P/N 09-00414

**Cyclo CTI 1 Pass Express™ Cleaner - Polish - Sealant**
CTI 1 Pass Express removes light scratches and environmental contaminants in one operation. Restores showroom color and brilliance, and protects finishes with a brilliant weather resistant silicone film. Excellent on any paint surface, including clear coats.
- 1 gal. ..........P/N 09-00416
- 16 oz. ..........P/N 09-00417

**Cyclo Polish & Protective Sealant**
CTI Polish Protective Sealant is a high poly sealant that will give your surface 12-18 months of durable protection and brilliant gloss. Restores your paint to its original new car shine. Great for use on all painted surfaces.
- 1 gal. ..........P/N 09-00418
- 16 oz. ..........P/N 09-00419

**Cyclo Free Flite™ Protective Sealant**
CTI Free Flite Protective Sealant is a mild deoxidizing agent specially formulated to bond to bare metal. It removes those fine polishing swirl marks seen only in dirt, dust, sunlight and leaves a protective coating that prevents further oxidation. For use on metal only.
- 1 gal. ..........P/N 09-00423
- 16 oz. ..........P/N 09-00422

**Fast Wing Paint Sealant**
T-500 Paint Sealant with PTFE-M is more than wax or polish. T-500 provides a tough, long-lasting, mirror-like finish that protects paint longer. Works great on aircraft, cars and boats. Fast Wing will increase performance by reducing parasitic drag. The performance of the aircraft actually increased due to the slick paint. Wing will increase performance by reducing parasitic drag. The performance of the aircraft actually increased due to the slick surface the Teflon Sealant left on the paint. 100% Satisfaction Guaranteed. 16 oz. (1 pint) ..........P/N 09-00186

**Fast Wing Vinyl & Leather Cleaner**
Fast Wing T-600 vinyl. Leather Protector wipes dry leaving that lustrous new look finish. It creates a anti-static surface that helps repel dust and dirt, without leaving an oily residue. Fast Wing T-600 leaves a non-glaire finish that is especially important to pilots and race car drivers.
16 oz. (pint) ..........P/N 09-00188

**Fast Wing Cleaner**
Originally designed to remove overspray, Fast Wing T-11 cleans and restores the paint to the original luster without the use of harsh abrasives found in most rubbing compounds. Rubbing compounds almost always use some sort of abrasive material, such as volcanic ash, which can leave microscopic scratches. Abrasives may actually accelerate the oxidation of your paint.
16 oz. (pint) ..........P/N 09-00187

**Hydrosolve**
Hydrosolve is a thickened, heavy duty, water soluble gel degreaser formulated for efficiency an d performance in a broad range of cleaning and degreasing applications. It will easily and safely remove carbon exhaust, exhaust tracks, hydraulic fluid, thrust reversers, soot areas, oil bugs. Hydrosolve is a gel product that clings to the surface being cleaned and has the ability to rinse spot free. It will not smear, but lift and suspend soils, making rinsing easy complete. Meets Boeing McDonnell Douglas approvals.
- 1 gal. ..........P/N 09-00526
- 5 gal. pail ..........P/N 09-00527

**Safety Wash**
Safety Wash is a mild neutral P H water based exterior wash wax concentrate designed to be gentle on your aircraft. It provides detergentancy and built-in easy rinse characteristics that will enhance gloss and eliminate the risk of streaking. Formulated for general road washing of aircraft. Meets Boeing McDonnell Douglas approvals. Safety Wash is NOT designed to clean heavily soiled areas.
- 1 gal. ..........P/N 09-00526
- 5 gal. pail ..........P/N 09-00527

**Cyclo Polisher Bonnets**
The Original Cyclo Cutting Wool - Metal Polish/Cleaner • Paint Deox • Paint Compound • Paint Swirl Removal
- Without Velcro ..........P/N 09-35727
- With Velcro ..........P/N 09-35726

**Cyclo Polisher Accessories**
Rubber Pad Holders ................................P/N 09-35730
- Without Velcro ..........P/N 09-35711
- With Velcro ..........P/N 09-35732
- Note: Polishing Pads with Velcro require the RUBBER PAD HOLDERS P/N 09-35730 listed with the Cyclo accessories.

**Cyclo Brushes**
Gray Ultra Soft Upholstery Brush - Upholstery • Fine Carpets • Fine Interiors
- P/N 09-00689

Gray Standard Carpet Brush - Auto • RV Carpets & Interiors • Tile & Grout • Durable Carpets
- P/N 09-35742

**Cyclo CTI 1 Pass Express™ Cleaner – Polish**
CTI Free Flite Cleaner - Polish is an aggressive rubbing compound for badly oxidized aluminum. It removes corrosion, oxidation, and surface film, leaving a hard polished finish. Popular with airlines for decades. For use on metal only.
- 1 gal. ..........P/N 09-00424
- 5 gal. ..........P/N 09-00425

**Cyclo Orbital Polishers for Aircraft**
Genuine Cyclo Polishers: a fifty-year heritage of quality.

**Cyclo Orbital Polishers for Aircraft**
Genuine Cyclo Polishers: a fifty-year heritage of quality.

**Cyclo Cleaning Products**
Cyclo offers a full line of cleaning products for your aircraft interior, exterior, and components. From paint sealants to vinyl and leather cleaners, we have the products you need to keep your aircraft looking its best.

**Cyclo Orbital Polishers for Aircraft**
Genuine Cyclo Polishers: a fifty-year heritage of quality.
DE-ICER PRODUCTS — LPS PRODUCTS

BF GOODRICH AGE MASTER RUBBER NO. 1 PROTECTIVE AGENT

Age Master #1 rubber protectant helps extend the life of your de-icers so you can cut maintenance costs, slow deterioration and extend service life and save money. Age Master #1 protectant isn’t just a surface coat. It penetrates neoprene rubber to help retard damage from ozone, weathering and pollutants to help your de-icers stay strong and flexible. And now its economical, long lasting and easy to apply. Just follow the simple BF Goodrich guidelines. Wipe or brush on Age Master #1 protectant every 150 flight hours or about semi-annually, for continuing protection. Age Master #1, the only rubber protectant recommended by BF Goodrich. Meets military specification MIL-P-11520E. Age Master #1 protectant is a staining material. Avoid contact with painted surfaces. Apply sparingly and let dry thoroughly before flying in rain to prevent run-back.

Quart ......................... P/N 09-42545

BF GOODRICH ICEX II FOR DE-ICERS

IceX coating boosts your de-icer performance so you fly with greater confidence by helping your de-icers shed ice at peak efficiency. IceX coating chemically bonds with rubber de-icer surfaces and forms a slick film that makes your de-icers slippery. It will lower the adhesive bond between ice and de-icer surfaces so your de-icers break the fragile grip of ice better and faster. IceX coating is easy to apply and economical, too. A single application provides 50 flight hours of added ice fighting protection on leading edge de-icers and 15 flight hours of protection on prop de-icers. Get IceX coating in quart cans for an attractive uniform satin finish on your de-icers. One is enough to treat a complete single or twin-engine aircraft.

16 oz. Spray ................. P/N 09-42530

BF GOODRICH DE-ICER CEMENT 8 oz. can. P/N 09-42535

BF GOODRICH SHINEMASTER PNEUMATIC BOOT TREATMENT

Shinemaster Prep is a surface coating that cleans de-icing boots and prepares the de-icer for Shinemaster. Shinemaster is a wax surface coating that enhances the appearance of pneumatic de-icing boots. Simply clean the boots with Shinemaster Prep per the instructions, then apply a couple of coats of Shinemaster treatment per the instructions. New boots look spectacular and old boots look like new. Compatible with Agemaster No. 1 and IceX products.

Shinemaster Prep (qt) ...... P/N 09-42532
Shinemaster (pt) .......... P/N 09-00325

RAPCO BOOTSAVER-THE DE-ICE BOOT REPAIR KIT

Another quality product from Rapco. Bootsaaver seals pin holes by bonding with the boot material. It is black in color and can be smoothed to blend with the boot surface.

P/N 09-41705

JET STREAM PBS BOOT SEALANT

PBS Prep is formulated for use before each PBS Boot Sealant application to avoid dulling and hard to remove build-up. PBS Prep will effectively clean pneumatic-de-ice boots of all old treatments assuring the best results possible when applying PBS Boot Sealant. Failure to prepare de-ice boots with PBS Prep may result in dulling due to build-up.

Qt. P/N 09-41711
Qt. PBS Sealant ......... P/N 09-41712

LPS WORKPLACE ORANGE PUMICE HAND CLEANER

LPS WORKPLACE Orange Pumice Hand Cleaner quickly and effectively removes heavy dirt, oil and grease from hands. WORKPLACE Orange Pumic Hand Cleaner contains Pumice for deep cleaning strength and can be used with or without water. Since WORKPLACE Orange Pumice Hand Cleaner is petroleum-free, it reduces skin irritation. WORKPLACE Orange Pumice Hand Cleaner is natural based and has a pH of 5.5 - 6.5.


16 oz. P/N 09-00786
1 Gallon .......... P/N 09-00787

LPS LOW SURFACE TENSION (LST)

A deep penetrating formulation attacks rust and corrosion to free frozen parts. LST has an extremely low surface tension that completely wets surfaces with a powerful foaming agent to provide complete surface coverage, better penetration and improved moisture displacement. LST Penetrant lubricates and protects against rust and corrosion.

11 oz. aerosol can...... P/N 09-01916

LPS COPPER ANTI-SEIZE

Premium Copper Anti-Seize a low-friction, anti-seize lubricant dispersed in a water-resistant grease and fortified with anti-oxidants, plus rust and corrosion inhibitors. It prevents seizure and galling and resists welding, hardening or seizing. It provides low friction and cushions impact and shock loads. It will perform in temperatures up to 1800 F (982 C). Fittings are heated red hot, allowed to cool, can be disassembled without seizure or distortion. It is recommended for production and maintenance jobs where speed in assembling and disassembling is essential. It reduces downtime, saving valuable man-hours while increasing production.

1/2 lb. can ............... P/N 09-02908

LPS MAGNUM TEFLON LUBRICANT

LPS Magnum Teflon Lubricant provides ultra-high lubricity, plus the additive strength of Teflon for high-temperature, high-pressure environments. In even the most demanding situations, extend equipment life and reduce maintenance.

11 oz. Spray Can ......... P/N 09-26430

LPS STRONG STEEL STICKS

Easy-to-use, hand-kneadable stick for immediate repairs to steel equipment and surfaces. Ideal for stopping leaks, even works on underwater applications. Permanently fills gaps and holes in metal, concrete, wood, fiberglass, and ceramics. Has a working time of 4 minutes, and will fully cure in 30 minutes to form a durable mass which can be machined, drilled, and painted. Can be used for many types of repairs, such as plumbing, electrical, ceramic, vehicle, equipment, and machinery. It is ideal for patching holes and cracks in pipes, drums, and tanks.

4 oz. stick .................. P/N 09-26435

LPS ELECTRO 140 CONTACT CLEANER

LPS Electro 140 Contact Cleaner is the high flash point, fast penetrating, non-residue cleaner alternative to CFC’s for fine parts. The Electro 140 Contact Cleaner flash point is above 140 , making it safer to use in areas where flammability may be a concern. It is free of any known stratospheric ozone depleting substances - like CFCs, HCFCs, and 1,1,1 trichloroethane. Electro 140 has a low odor and is effective for flux removal and immersion cleaning.

11 oz. Spray Can .......... P/N 09-26465

Warning: Due to VOC Regulations CA, OR, WA, CO states laws prohibit use, sell, or purchase of this product as of 01/2008 Replacement for 09-26465

LPS NoFlash ELECTRO CONTACT CLEANER

LPS NoFlash is a vaporous solvent cleaner alternative to CFCs that’s safe to use on most surfaces. Its nonconductive and nonflammable, so it can be used while equipment is in operation to avoid costly downtime. NoFlash Electro Contact Cleaner penetrates and evaporates quickly, dislodging oil, grease, dirt and other materials from precision mechanical and delicate electrical/electronic parts leaving no residue.

P/N 09-26412

Warning: Due to VOC Regulations CA, OR, WA, CO states laws prohibit use, sell, or purchase of this product as of 01/2008 Replacement for 09-26412

LPS MICRO-X CONTACT CLEANER

A fast evaporating contact cleaner ideal for removing grease, dirt and oil from delicate precision electrical, electronic and mechanical parts. Safe on metal and most plastic parts. No rinsing.

11 oz. Aerosol......... P/N 09-00151

Warning: Due to VOC Regulations CA, OR, WA, CO states laws prohibit use, sell, or purchase of this product as of 01/2008 Replacement for 09-00151

LPS ELECTRA-X CONTACT CLEANER

A non-flammable contact cleaner that removes oil, grease, dirt and other foreign materials from precision mechanical and delicate electrical/electronic parts. Fast evaporating. No flash point. No rinsing.

15 oz. Aerosol...... P/N 09-00153

Warning: Due to VOC Regulations CA, OR, WA, CO states laws prohibit use, sell, or purchase of this product as of 01/2008 Replacement for 09-00153

377
LPS® HEAVY-DUTY SILICONE LUBRICANT
Meets FDA regulation for incidental food contact. Silicone-rich formula, Water-based formula. Colorless, odorless, non-staining. Ideal for rubber and plastic surfaces. Eliminates sticking, binding and squeaking. Does not contain chlorinated solvents. Safe on most surfaces NSF H1 registered. 13oz. (366g) aerosol.................P/N 09-26410

LPS® PSC PLASTIC SAFE CLEANER
Patented formula Patented US #6,342,471. Electrical contact cleaner. Cleans electrical parts without harming plastics. * Non-flammable * Plastic safe * Non-conductive * No residue * Replaces HFC 141b contact cleaners * Fast evaporating * Conforms to CARB VOC requirements. 14 oz. aerosol can.............P/N 09-26406

LPS® COLD GALVANIZE CORROSION INHIBITOR
* Zinc purity greater than 99% * Works like a hot-dip on ferrous metals indoors and outdoors * Withstands water temperature up to 212 F (100 C) and continuous dry heat up to 750 F (400 C) * Commonly used as a flash rust preventative on welded areas * Long term protection * Flexible coating will not yellow, crack, peel or peel off * Electrochemically protects bare metal * Dries to touch in 3 to 5 minutes * 14oz. (397g) aerosol........................P/N 09-26425

LPS® INSTANT SUPER DEGREASER
* Heavy-duty performance * Power blast spray * Non-flammable * Removes oil, greases, dirt and tar * Non-chlorinated * Fast evaporating * Non-conductive * No residue * Replaces HCFC 141b contact cleaners * Fast evaporating * Conforms to CARB VOC requirements. 5gal. (18.93l)..............................P/N 09-00313

LPS® TKX® ALL-PURPOSE LUBRICANT
All purpose, value lubricant which displaces moisture, loosens rusted or frozen parts and destroys metal against corrosion. Does not contain chlorinated solvents or silicones. Safe to use on most surfaces. High flash point of 175 F (79 C). Inverta Spray Valve allows user to spray in an upright or inverted position. NSF H2 registration. 11oz. (312g) aerosol......................P/N 09-00148

LPS® HDX HEAVY-DUTY DEGREASER
* Non-flammable * Removes oil, grease, wax, dirt, moisture, tar, brake fluid and other contaminants * Fast evaporating * Low odor * Quick penetration * No residue * Non-conductive * NSF K1 registration #058610: (aerosol); #058611: (bulk). 11oz. (312g) aerosol.............P/N 09-26407

LPS® EVR® CLEAN AIR SOLVENT DEGREASER
* High solvent strength * Fast evaporation * Low VOC content * Complies with CARB/OTC (California Air Resources Board) Board/Ozone * Transport Commission) Rules * Not a Hazardous Air Pollutant (HAP) * Instant cleaning action * Excellent replacement for Methyl Ethyl Ketone (MEK) * Ideal for cleaning metals * No residue * No ozone depleting compounds * Inverta Spray Valve allows user to spray in an upright or inverted position. P/N 09-02119

LPS® LVC CONTACT CLEANER
Reduced VOCs (Volatile Organic Compounds), Comforms to CARB (California Air Resources Board) requirements for VOC emissions. * Fast evaporating * Ideal for electrical/electronic and fine parts * Cleans and degreases delicate precision mechanisms * Safe on plastics * Penetrating action removes oil, grease, dirt, flux and other contaminants * Does not contain chlorinated solvents * No residue P/N 09-02045

LPS® U-10 BRAKE CLEANER
* Low VOC (Volatile Organic Compounds) content * Complies with CARB/OTC (California Air Resources Board/Ozone Transport Commission) Rules * Instantly removes brake fluid, dust, grease and oil * Improves brake performance * Helps stop brake squeal * Powerful jet spray and high solvency * Can be applied without disassembling the brake unit * No ozone depleting chemicals * Fast evaporating * Does not contain toluene * Does not contain chlorinated solvents * No rinsing or no residue * 14oz. aerosol P/N 09-02119

LPS 1® PREMIUM LUBRICANT
Provides a dry, thin lubricating film. Resists oil, dust and dirt build-up. Fast acting penetration. Displaces moisture Loosens rusted or frozen parts. Provides a slick, clean and dry corrosion resistant barrier. Nonconductive ideal for delicate mechanisms. Used worldwide in aviation. Safe on paint and most plastics. Inverta Spray Valve allows user to spray in an upright or inverted position. NSF H2 registered.

11oz. (312g) aerosol..................P/N 09-25900
1gal. (3.78 l)..........................P/N 09-26000

LPS 2® HEAVY-DUTY LUBRICANT
Strong, multi-purpose lubricant and penetrant with added corrosion protection. Provides a non-drying, light, oily film for use on indoor/outdoor equipment. Reduces wear caused by friction and corrosion. Displaces moisture. Loses rusted or frozen parts. Provides up to one year of protection. Nonconductive Safe on paint and most plastics. Inverta Spray Valve allows user to spray in an upright or inverted position. NSF H2 registered.

11oz. (312g) aerosol..................P/N 09-26100
1gal. (3.78 l)..........................P/N 09-26200

LPS 3® PREMIER RUST INHIBITOR
* Forms a transparent, soft, washable film for prolonged protection * Inhibits rust corrosion, protects steel parts indoors for up to two years * Penetrates to displace moisture * Does not contain chlorinated solvents or silicone * Nonconductive * Safe on most surfaces * Stops rust and corrosion * Provides non-slip lubrication * Provides anti-seize coating * Safe to use on rubber, fabric, plastics and paints * Inverta Spray Valve allows use to spray in an upright or inverted position * NSF H2 registered #129027: (aerosol); #059849 (bulk) 11oz. (312g) aerosol.............P/N 09-26300
5gal. (18.93l)..........................P/N 09-00312
1gal. (3.78 l)..........................P/N 09-00313
1oz. (28g).............................P/N 09-26301

LPS® TAPMATIC® AQUACUT CUTTING FLUID
* Water-based formula * Excellent in high speed cooling applications * Non-flammable * Non-hazardous * Does not contain sulfur, chlorinated solvents, chlorine or oils * Safe on all metals, except magnesium * Corrosion inhibitors prevent flash rusting * Provides fine finishes * Pleasant cinnamon scent * 16fl. oz. (0.473l) bottles P/N 09-26210

LPS® QB PRECISION DUSTER
Patented formula Patented US #6,342,471. Electrical contact cleaner. Cleans electrical parts without harming plastics. * Non-flammable * Plastic safe * Non-conductive * No residue * Replaces HFC 141b contact cleaners * Fast evaporating * Conforms to CARB VOC requirements. 10 oz. spray can

1oz. (28g).............................P/N 09-26406
5oz. (148ml)..........................P/N 09-00312
11oz. (312g)..........................P/N 09-26100

LPS® PRESOLVE® ORANGE DEGREASER
* High performance industrial cleaner that cleans on contact * Ideal for removing grease, tar, oil, adhesives * Fast acting, deep penetration * Natural based * Does not contain sulfur, chlorinated solvents, chlorine or oils * Safe to use on most surfaces * Stops rust and corrosion * Provides a non-drying, light, oily film for use on indoor/outdoor equipment. Reduces wear caused by friction and corrosion. Displaces moisture. Loses rusted or frozen parts. Provides up to one year of protection. NSF H2 registered.

5oz. (148ml)..........................P/N 09-00312
11oz. (312g)..........................P/N 09-26100

LPS® ZEROTRI® HEAVY-DUTY DEGREASER
* Penetrating action instantly removes oil, grease, wax, dirt, moisture, tar and other contaminants * Removes conformal coatings * No ozone depleting chemicals * Fast evaporating * Safe to use on most surfaces * Does not contain chlorinated solvents * No rinsing, no residue * Inverta Spray Valve allows user to spray in an upright or inverted position * NSF C1 registered #059845: (aerosol); #059846: (bulk) * Canadian Food Inspection Agency (CFIA) approved.

11oz. (312g) aerosol..................P/N 09-26200
5oz. (148ml)..........................P/N 09-00312
1gal. (3.78 l)..........................P/N 09-00313

LPS T-91 NON-SOLVENT DEGREASER
T-91 Non-Solvent Degreaser is biogradable, non-flammable, and has a neutral pH. T-91 is an excellent replacement for many solvent degreasers that have potential worker safety or flammability concerns. T-91 is ideal for solvent cleaning, part washers, and dip tanks and is more economical than most solvent degreasers in the marketplace. T-91 has an NSF A1 registration (#A1975) for use in food plants.

1 gallon..........................P/N 09-02309
5 gallon..........................P/N 09-02310
10 oz. spray..........................P/N 09-26470
CLEANERS — DEGREASERS

AVL LUBRICANTS & RUST INHIBITORS

AVL LIGHT - The premium light lubricant and rust inhibitor that penetrates and displaces moisture fast, leaving a delicate coating for excellent lubrication and rust protection. A fine, light film that resists the accumulation of dust and dirt. Ideal for drying and protecting electrical connectors and delicate machinery. Can sprays upright or inverted.

P/N 09-02106 ............................

AVL MEDIUM - The premium medium lubricant and corrosion preventer is specifically designed to penetrate and displace moisture fast. It leaves a medium weight oily coating for long term lubrication and rust protection. Can sprays upright or inverted.

P/N 13-02963 ............................

AVL THICK - The premium thick lubricant and corrosion preventer that penetrates and displaces moisture. It stops corrosion on contact leaving a thick coating for long term lubrication and corrosion prevention. Can sprays upright or inverted.

P/N 13-02964 ............................

AVL NO CHLOR CLEANER/DEGREASER

The powerful flushing action and a high solvency formulation makes cleaning metal parts faster and easier. Penetrates quickly into hard to reach areas, cleaning thoroughly. AVL NO CHLOR Cleaner/Degreaser does not contain any 1,1,1 Trichloroethylene or any solvents or CFCs known to deplete the stratospheric ozone layer. Evaporates quickly leaving no residue. Removes oil and grease on contact. This is the best non-chlorinated degreaser we have ever had. 14 oz.

P/N 13-02961 ............................

AVL ELECTRO CONTACT CLEANER

The premium available cleaner that penetrates fast, cleans and degreases, removes dust and dust buildup without leaving a noticeable film or oil residue. Both penetrate and dry quickly. Ideal for air and ground, electrical and avionics, and sensitive mechanisms. Non-flammable. P/N 13-02958 ............................

AVL FAST ACTING CLEANER/DEGREASER II

AVL Fast Acting Cleaner/Degreaser II is a highly concentrated solvent designed to remove dirt, grease, oil and grime from metallic and metallic surfaces. Cleaning is quick and simple without the danger of injury to working parts. Ideally suited for use on electronic motors even while running, electronic equipment, ignition systems, generators, power tools, etc. It is non-flammable and non-conductive so it can be used while motors and equipment are operating. Cleans degreases very fast and dries quickly leaving little residue.

P/N 13-02960 ............................

MACH #1 DEGREASER/CLEANER

A citrus scented degreaser and cleaner designed for the aircraft industry. This surface degreaser is non-irritating but will remove heavy encrustations. Mach #1 (formally known as Big Orange Plus) combines solvent power with an emulsifying system that removes hydraulic fluids, fuel stains, and exhaust soot.

P/N 13-00031 ............................

AVL AIRCRAFT GLASS CLEANER

AVL glass cleaner is safe on all plastics and glass. It contains no ammonia. This foaming glass cleaner cleans and leaves a shiny finish with no residue. It easily removes bugs and grime from windshields and all surfaces. 15 oz.

P/N 13-02959 ............................

CRAZY CLEAN ALL PURPOSE CLEANER

Crazy Clean is an all purpose cleaner which is excellent for removing fuel stains, exhaust stains, an dgrease and grime from your aircraft. Ideal for removing bugs and bird droppings. Crazy Clean produces a cinging foam which cleans and deodorizes and leaves a cLean, not waxy surface. Keep a can in the airplane to use when travelling. Recommended by Aviation Consumer. 15 oz. aerosol can.

P/N 09-00563 ............................

THOR TREE SAP REMOVER

Having a problem with those pine trees? Nasty bird droppings. Well we have the product for you. Thor Tree Sap Remover is the answer to remove that sticky tree sap. Even more effective on hardenred and bird droppings. Very easy to apply, just pour it on a soft cloth towel apply it to the tree sap or bird droppings and watch it be removed with ease.

P/N 09-01958 ............................

EXTREME SIMPLE GREEN AIRCRAFT CLEANER

Unique cleaning anti-corrosion chemistry delivers superior performance and materials-safety all in one. Cuts through tough, built up grease, oil, dirt, pollution, insect residue impact soils. Gets its superior cleaning from a unique triple play cleaning formula. 2 high performance surfactants and new generation green lifter/cutter combine to get the soil away from the aircraft surface quickly and keep it away so it can be clearly rinsed and ready to go into oil/Water separators and have oil break from solution. Extreme Simple Green’s safety upon aircraft materials and precision cleaning surfaces comes from a combination of proven anti-corrosion agents. Time tested coupling agent allows these to work together to battle corrosion hydroembrittlement. This makes it safe to put through pressure washing equipment, rack wash systems, dip tanks parts washers, without any equipment damage.

Simple Green 30 Gal. Parts Washer - 15 depth soak at 150 water bath at deepest point. Stainless steel workshelf, flex spigot nylon flow-thru brushClean out plug for easy draining, includes filter kit and circulating pump. Overall dims: 36 L x 24 W x 39 H ...

P/N 09-01304 ............................

SIMPLE GREEN 4-WAY PROPORTIONER - P/N 09-01304

SIMPLE GREEN FOAMING CRYSTAL INDUSTRIAL CLEANER/DEGREASER - Fragrance-free and color-free solution.

P/N 09-01303 ............................

SIMPLE GREEN CONCENTRATED CLEANER/DEGREASER DEODORIZER

- Clean deodorize grease filters/traps.
- Simple to use, just pour.
- Deodorizes and cleans with one threaded green nylon. This brush will effectively remove oil, grease, exhaust stains, and paint from all unpainted surfaces. Also a non toxic, non corrosive, non hazardous product. Use 1 to 2 quarts of product per 5 gallons of water, depending on how heavily soiled the aircraft is.

P/N 09-01299 ............................

SIMPLE GREEN HAND CLEANER GEL - 5 oz....

P/N 09-01301 ............................

SIMPLE GREEN 30 GAL. PARTS WASHER - 15 depth soak at 150 water bath at deepest point. Stainless steel workshelf, flex spigot nylon flow-thru brushClean out plug for easy draining, includes filter kit and circulating pump. Overall dims: 36 L x 24 W x ...

P/N 09-01307 ............................

SIMPLE GREEN LIME SCALE REMOVER INDUSTRIAL/INSTITUTIONAL DESCALER - Dissolves soap scum mineral deposits. Deodorizes contains no bleach, ammonia or phosphorus. Neutral non-flammable, non-corrosive. Bottle...

P/N 09-01309 ............................

THOR AIRCRAFT CONCENTRATE

Thor Aircraft Concentrate is specifically formulated to dissolve the residue of exhaust, grease, dirt and oil. It is safe on all surfaces such as ferrous metals, aluminum, plastic, rubber, painted and unpainted surfaces. Also a non toxic, non corrosive, non hazardous product. Use 1 to 2 quarts of product per 5 gallons of water, depending on how heavily soiled the aircraft is.

P/N 09-02122 ............................

SIMPLE GREEN SAFETY TOWELS - Non-toxic and Biodegradable. Pre-moistened, quick and versatile with no color and no added scent. Non-abrasive and abrasive sides. ...

P/N 09-01308 ............................

SIMPLE GREEN 100% ABLER - 8oz, 32oz...

P/N 09-01325 ............................

SIMPLE GREEN 150O VOC ADHESIVE REMOVER - 32oz...

P/N 09-01326 ............................

SIMPLE GREEN SIMPLIFIRE SAFE CLEANER - 8oz...

P/N 09-01325 ............................

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P/N 09-01958 ............................

THOR BUG SPONGE

This product is designed to be used when wet, this foam like material will safely scrub away bugs, bird droppings and any other contaminants. It can be used on Plexiglass and all painted surfaces.

P/N 09-00898 ............................

THOR AERO DRY WASH

When you do not have access to water, this is the product for you. Simply spray it on and wipe it off. This unique product also has a polisher in it to protect the painted surface. It also contains a corrosion inhibitor which protects the painted surface. Thor Aero Dry Wash is especially safe on pleuglass.

8oz...

P/N 09-01325 ............................

32oz...

P/N 09-01326 ............................

THOR AERO BRUSH

This a 10 foam block that is completely filled with a one threaded green nylon. This brush will effectively remove oil, grease, exhaust stains, and other oily residues. 60 length metal handle not included, order separately.

Thurero Brush...

P/N 09-00897 ............................

Handle For Brush...

P/N 09-02097 ............................
CRC AVIATION MAINTENANCE PRODUCTS

CRC 3-36® MULTI PURPOSE LUBRICANT
A multi purpose lubricant and corrosion inhibitor specifically designed for use around modern plastics. Applications include: • Seat and cargo tracks • Landing Gear • Lower fuselage interior • Faying surface and crevices • Wing interior surfaces • Entry door horizontal stabilizers • Ground support equipment. Not for use on energized equipment.

16 oz. ...........P/N 09-39600

CRC ULTRA-LITE LUBE
CRC ULTRA-LITE LUBE is an ultra-thin, non-staining dry film lubricant that resists oil dust and dirt buildup. It penetrates into the most minute openings, sealing out moisture and preventing corrosion. Applications include: • Specially formulated for use around modern plastics, polycarbonates, ABS and NORYL • Insulators • Enclosures • Delicate components • Penetrates through rust and scale • Loosens seized mechanisms and frozen parts. Not for use on energized equipment.

10 oz. ..........P/N 09-39605

CRC POWER LUBE®
A unique lubricant that incorporates a sophisticated additive package with Teflon to provide long lasting protection against friction and wear. Applications include: • Hinges • Motors • Bearings • Cables • Chains • Guide Bars • Pulleys • Sliding surfaces • Valves • Gears • Ball & socket joints • Linkages • Taps and dies • Air power tools • Cutting tools • Precision tools • Chain drives • Sliding mechanisms • Sprockets. Not for use on energized equipment.

16 oz. ..........P/N 09-39602

CRC PRECISION CONTACT CLEANER
A Revolutionary new precision cleaning solvent designed to meet today’s environmental challenges. This high-purity solvent is a chemically stable HCFC and does not exhibit the same ozone depleting properties as conventional solvents. It evaporates rapidly and has no flash point and leaves no residue. Applications include: • Computers • Delicate avionics • Oxygen & other pressurized gas systems • PC boards • Radios • Radar equipment • Contacts and switches. Do not use on polycarbonate or Noryl type plastics. Not for use on energized equipment.

16 oz. ..........P/N 09-39617

CRC QUICK DRY CONTACT CLEANER
An alcohol-based precision cleaner that is 100% free of CFCs. Ideal for applications where lower flashpoint solvents may be used. It evaporates rapidly and completely and is harmless to most plastics. Applications include: • Switchgears • Circuit breakers • Telecommunication equipment • Fusible connecting devices • Motors • Generators • Relays • Terminals • Rheostats • Instrumentation •Communications equipment. Not for use on energized equipment.

16 oz. ..........P/N 09-39620

CRC PAINT & DECAL REMOVER
A solvent-based, high strength cleaner that effectively loosens and helps remove paint, adhesives and sealants. It helps protect equipment surfaces by eliminating damage caused by excessive scraping. Applications include: • Dissolves and aids removal of paints, lacquers, adhesives and varnish • Removes graffiti from metal and stone • Removes conventional and formed-in-place gaskets on motors, pumps, flanges. Not for use on energized equipment.

16 oz. ..........P/N 09-39622

CRC AVIATION WINDOW CLEANER
A modern blend of detergents and corrosion inhibitors designed to safely clean aircraft glass, plexiglass and other surfaces (pH 10.6x0.5). Applications include: • Windows • Interior surfaces • Galley areas • Overhead compartments. Not for use on energized equipment.

16 oz. ..........P/N 09-39630

AVIATION DEGREASER
Aviation degreaser is a halogenated solvent-based cleaner/degreaser that is chemically stable and extremely effective in heavy duty cleaning applications. It is fast-acting, non-flammable, and evaporates quickly leaving no residue. Extremely effective solvent for cleaning and removing corrosion inhibiting compounds. Contains no HAPs. Removes carbon buildup. High dielectric strength of 26,800 volts. Degreases and cleans aviation surfaces to allow for easy visual inspection. Cleans and prepares metal surfaces for painting on adhesive bonding. Evaporates fast leaving no residue. Non-flammable, non-corrosive.
Applications: Fuselage • Wheel wells • Electric motors • Firewalls • Nacelles • Generators • Nosegear • Ground support equipment • Airframe exterior surface

20 oz. aerosol..........P/N 09-39690

CRC SUPER DEGREASER
A revolutionary alternative to 1,1,1 Trichloroethane and other chlorinated solvents. Now you can give up chlorinated solvents without giving up cleaning power. A unique, scientifically formulated cleaner and degreaser that effectively removes grease, oil, dirt and other contaminants from motors, parts and equipment. Applications include: • Exhaust trails • Hinges • Antenna mounts • Static tubes •Wheel wells • Struts & tubes • Galleys • Seat tracks • Cargo doors • Cargo tracks. Not for use on energized equipment.

20 oz. ..........P/N 09-39642

CRC CORROSION SHIELD
A long-term corrosion inhibitor that provides extended protection for all metal parts and assemblies, both in storage and during shipment. Its thin, nondrying film protects better than many thicker, waxy films, and is easily removed with solvent cleaners. The unique overlapping plating action provides unequalled protection for plated surfaces and sharp edges. Applications include: • Seat and cargo tracks •Landing gear, wheel wells & keel beam • Fuselage structure • Wing to body fairing • Pins • Hinges • Wing front & rear spar • Lower fuse- age interior • Wing interior structure • Horizontal stabilizer • Ground support equipment • Chains and cables • Air conditioning ducts • Lap joints • Skin panel edges • Emergency escape hatches • Bulkheads • Entry and cargo doors. Not for use on energized equipment.

20 oz. ..........P/N 09-39653

CRC CORROSION SHELL
A long-term indoor and outdoor corrosion inhibitor for machined surfaces and assemblies subjected to long periods of storage or adverse conditions during shipment. Its film, waxy film is highly resistant to humidity and salt spray and never becomes brittle. Petroleum solvents may be used to dilute the product to vary the film thickness or to remove it after application. Applications include: • Completed assemblies • Seat tracks • Chains and cables • Landing gear • Wheel wells • Faying surfaces • Air conditioning ducts • Lap joints • Skin panel edges • Fuselage • Landing gear and bilges • Emergency escape hatches • Bulkheads • Entry and cargo doors. Not for use on energized equipment.

16 oz. ..........P/N 09-39657

CS

380
LUBRICANTS

LOCTITE THREADLOCKER
Loctite Threadlockers used on a standard fastener can eliminate expensive locking devices while you increase the reliability and quality of your assembly. One drop prevents loosening. 2 removable strengths for large small applications and permanent strength for locking parts you never want to take apart.

#222 Threadlocker (permanent, for small screws)
10 ml......P/N 09-42650..........................
50 ml......P/N 09-42610..............

#242 Threadlocker (removable, for large screws)
10 ml......P/N 09-42615..............
50 ml......P/N 09-42620..............

#262 Threadlocker (permanent, for large screws)
10 ml......P/N 09-42625..................
50 ml......P/N 09-42630..................

PARKER-O-LUBE
Excellent for use on exposed valve plungers, cylinder rods, and other o-rings. It lubricates without causing deterioration of rubber and is water resistant. Good for low pressure vacuum and pneumatic systems.
4 oz. tube......P/N 05-00773...........

SEALUBE
Anti-seize sealer for threaded aluminum alloy parts exposed to gasoline, oil, water, air, or vacuum. Good lubricating qualities. Will not harden or set. Will not freeze joints at low temperatures. Non-corrosive, insoluble in gasoline, oil or water.
1 lb. Can..............P/N 09-25200...........

BAKERSEAL
Thread sealing and lubricating compound. Contains Teflon. Prevents thread leaks with fluids and gases up to 600 F. Recommended for gasoline and aircraft oils. Superior to Teflon tape and much easier to use. 8 oz. jar.
P/N 09-00346......................

LUBRIPLATE NO. 630AA
Multi-purpose lubricant. Forms a wearing film on working surfaces. Excellent protection against rust and corrosion. Recommended for controllable pitch props, wheel and magneto bearings, general greasing.
14 oz. Can..............P/N 09-25400...........
6 lb. Can..................P/N 09-25500...........

EZ TURN LUBRICANT (FUELUBE)
EZ Turn is a specially lubricant/sealant used for fuel and oil line valves and is resistant to high temperatures. It is especially effective where high octane fuels and aromatics are present. EZ Turn is also extremely efficient as a gasket paste and anti-seize agent. EZ Turn will not gum, crack or dry out. Each shipment is independently tested. Excellent for tapered plug valves, aircraft engine manufacturing, and marine applications. EZ Turn is the functional equivalent of fuel lube.
5 oz. tube.......P/N 09-00306............
1 lb. can.......P/N 00-01800............

PERMATEX ANTI-SEIZE LUBRICANT
1 oz. tube ..............P/N 09-28410............

MICRONOL PRECISION OILER
This oiler has the famous Micronol resin suspended in a light-weight oil to lubricate, penetrate and prevent rust. It is excellent for lubricating bearings, threaded parts, hinges, pocket valves, chains, rollers, fishing gear, chain saws, guns, garage doors.... just about anywhere that friction causes noise and resistance. Furnished in a handy pen size oiler with a pocket clip. .25 Fluid Ounces.
P/N 09-00756..............

WD-40 PENETRANT/LUBRICANT
Displaces moisture on any metal surface, preventing rust, corrosion or oxidation of the surface. Used on switches, pulleys, wheel housings, seam areas. Non-gummining, non-conductive safe for all electrical systems. Conforms to specification C-234
11. 12 oz. Spray........P/N 09-00347.............

DRY GRAPHITE SPRAY NO. 5200
Provides a uniform dry lubricant film of non-abrasive graphite for any metal surface. Can be used alone or with fluid lubricants. Used in engine overhaul, on struts, gears, tracks. Meets MIL-G-26548. DGF-11.
11 oz. Spray.........P/N 09-25600..............

TRI-FLO TEFLON LUBRICANT
Penetrating lubricant with Teflon, corrosion inhibitors, moisture dispersers and solvents to soften and remove dirt and corrosion. Will not cause corrosion. Use on aircraft cabin door hinges, landing gear hinges and struts. Loosens rusted bolts and other fasteners. 12oz aerosol can . P/N 09-42540.............

FOAMING SUPERIOR LUBRICANT
Tri-Flow is revolutionizing the way you clean, protect and lubricate all of your moving parts with the introduction of Foaming Superior Lubricant and Foaming Citrus Cleaner Degreaser. Tri-Flow’s powerful foaming action clings to both horizontal and vertical surfaces to allow for deep penetration and accurate application. Tri-Flow Foaming products are ideal for use on bicycles, firearms, sporting equipment, manufacturing equipment, and more.

LIQUID WRENCH
A powerful blend of quick acting solvents to free parts frozen by rust, corrosion or paint. Harmless to metals. 11 oz. Aerosol Spray........P/N 09-25800..............................

F-900 “TORQUE SEAL”
Inspection Lacquer is used in production on compression fittings, studs, nuts, parts, and assemblies after they are in proper torque or position. Widely used as Anti-Sabotage Lacquer. Inspectors can visually detect any movement or tampering. Torque Seal becomes brittle and will crack. Excellent adhesion to all metals and to most other surfaces. Dries fast. Torque Seal is packaged in convenient 1/2 oz. poly squeeze tubes. Available in 4 high visibilities. Yellow..............P/N 09-25807..............................
Blue..................P/N 09-25809....................... Green......................P/N 09-25808.............................. Orange...................P/N 09-25810.............................. Red.........................P/N 09-02033..............................

F-1000 SENTRY SEAL
Used on compression fittings, studs, nuts, parts and assemblies after they have been set to proper tension or position. Service personnel or inspectors can quickly spot any changes or tampering with equipment. Sentry Seal has excellent adhesion to metals, including aluminum, magnesium, titanium, stainless and copper, and is non-corrosive to these metals. It is packaged in handy metal tubes. Squeeze the tube to extrude the Sentry Seal through the small hole to form a bead (narrow stripe) across the parts. The surface dries in about one minute, then it will start to polymerize and become brittle as it dries completely. Available in blue.... P/N 09-28532......................

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## LOGO DECALS

### AUTHENTIC AIRCRAFT LOGO DECALS

Our full line of authentic aircraft logos are produced on state-of-the-art long lasting UV coated pressure sensitive adhesive vinyl. They are precision cut by a specially programmed computer and have no clear background. Other brands of decals can be produced cheaply but the clear background tends to yellow, rendering unsightly over time. With our custom cut decals, only the letters themselves go on the aircraft giving the lettering a truly professional look which will last as long as the aircraft paint. Please order by part number shown. Many other logos and styles are available, as well as other colors. Call for quotation or send $2.00 for our complete logo and decal catalog. For quote on custom logo decals, send sketch and details.

**FOR OTHER LOGOS AVAILABLE. Send $3. FOR COMPLETE LOGO AND DECAL CATALOG P/N 09-43736**

<table>
<thead>
<tr>
<th>Logo</th>
<th>Part Number</th>
<th>Color</th>
<th>Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aeronca</td>
<td>09-43502</td>
<td>Black, White, Gold</td>
<td>5.75 h x 13.25 w</td>
<td>ea</td>
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<tr>
<td>Decathlon</td>
<td>09-43504</td>
<td>Black, White</td>
<td>1-5/8 h x 10-3/4 w</td>
<td>ea</td>
</tr>
<tr>
<td>Diamond</td>
<td>09-43506</td>
<td>White, Black, Gold</td>
<td>6 h x 10.5 w</td>
<td>ea</td>
</tr>
<tr>
<td>Cessna</td>
<td>09-43519</td>
<td>Black, White</td>
<td>2 h x 9-1/2 w</td>
<td>ea</td>
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<tr>
<td>Cessna</td>
<td>09-43522</td>
<td>Red</td>
<td>6 h x 10.5 w</td>
<td>ea</td>
</tr>
<tr>
<td>Cessna</td>
<td>09-43534</td>
<td>Blue</td>
<td>6 h x 10.5 w, 17.5 h x 8.75 w</td>
<td>ea</td>
</tr>
<tr>
<td>Cessna</td>
<td>09-43538</td>
<td>White</td>
<td>2 h x 10.5 w</td>
<td>ea</td>
</tr>
<tr>
<td>Cessna</td>
<td>09-43542</td>
<td>Gold</td>
<td>2 h x 8.25 w</td>
<td>ea</td>
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<tr>
<td>Cardinal</td>
<td>09-43544</td>
<td>Black</td>
<td>4-1/4 h x 10 w, 1.75 h x 8 w</td>
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<tr>
<td>Skylane</td>
<td>09-43550</td>
<td>Black, White</td>
<td>1.75 h x 8 w</td>
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<tr>
<td>Skylane</td>
<td>09-43552</td>
<td>Black, White</td>
<td>2.25 h x 8.5 w</td>
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<tr>
<td>Skylane</td>
<td>09-43554</td>
<td>Black, White</td>
<td>2.25 h x 9 w</td>
<td>ea</td>
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<td>Super Cub</td>
<td>09-43624</td>
<td>Black, White</td>
<td>1.5 h x 7.75 w</td>
<td>ea</td>
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<tr>
<td>Beechcraft</td>
<td>09-43646</td>
<td>Black, White</td>
<td>2.25 h x 17 w</td>
<td>ea</td>
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<tr>
<td>Glasair</td>
<td>09-43698</td>
<td>Black, White</td>
<td>2.5 h x 8.75</td>
<td>ea</td>
</tr>
<tr>
<td>Pulsar</td>
<td>09-43704</td>
<td>Black, White</td>
<td>3 h x 14.5 w</td>
<td>ea</td>
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<tr>
<td>Rans</td>
<td>09-43708</td>
<td>Black, White</td>
<td>2 h x 9.5 w</td>
<td>ea</td>
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<tr>
<td>Stearmann</td>
<td>09-43719</td>
<td>Black, White</td>
<td>4 h x 19 w</td>
<td>ea</td>
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<tr>
<td>Swift</td>
<td>09-43722</td>
<td>Black, Red, Gold</td>
<td>3 h x 5.5 w</td>
<td>ea</td>
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<tr>
<td>Waco</td>
<td>09-43726</td>
<td>Black, Red, Gold</td>
<td>2-3/8 h x 14.25 w</td>
<td>ea</td>
</tr>
</tbody>
</table>

**Notes:**
- Large: 6 H x 12 W
- Small: 4 H x 8 W
- Left: 09-43732-1
- Right: 09-43732-2
- Gold outline on both.
- Full color on black, red, gold.
- Red, black, silver.
- Silver, black.
- Silver, black.
- Silver, black.
- Silver, black.
- Silver, black.
- Silver, black.
- Silver, black.
- Silver, black.
- Silver, black.
- Silver, black.
- Silver, black.
- Silver, black.
LOGO DECALS

**Venture**
Black........................... 09-43746
2.25 h x 6.75 w . ea

**Merlin**
Black........................... 09-43780
9.25 h x 23.5 w . ea

**Coyote**
Black........................... 09-43782
3.25 h x 3.25 w . ea

**Spirit**
Black........................... 09-43768
8 h x 16 w . ea

**Long EZ**
White........................... 09-43791
2-1/8 h x 8.25 w . ea

**Velocity**
Black........................... 09-43774
4-3/8 h x 10 w . ea

**Challenger II**
Black........................... 09-43822
1.75 h x 8.75 w . ea

**Pressurized**
Black, Grey, White, Red, 09-02103
6 h x 1.5 w . ea

**COZY**
Black........................... 09-43802
1.5 h x 13 w . ea

**Pelican**
Black........................... 09-43806
3.75 h x 13.25 w . ea

**Defiant**
Black........................... 09-43811
1 h x 10 w . ea

**Barracuda**
Black........................... 09-43823
3 h x 6.75 w . ea

**Zena**
Black........................... 09-43824
Right, Black . 09-43826
Left, White . 09-43827
Right, White . 09-43828
4-3/8 h x 5-7/8 w . ea

**ZenaAir**
Black........................... 09-43848
White........................... 09-43849
1.25 h x 8.5 . ea

**Zenair**
Black........................... 09-43850
White........................... 09-43851
5 h x 20 w . ea

**Zenair Zodiac**
Black........................... 09-43832
Right, Black . 09-43833
1.5 h x 11.75 w . ea

**Barracuda**
Black........................... 09-43845
2.5 h x 10.5 w . ea

**Ryan**
Black........................... 09-43841
White........................... 09-43842
1.5 h x 7.5 w . ea

**Osprey-IT**
Black........................... 09-43810
1 h x 10 w . ea

**American**
Black........................... 09-43758
5/8 h x 8.25 w . ea

**Malibu**
Black Silver..................... 09-43751
1.25 h x 8-3/8 w . ea

**Malibu Piper**
09-43755(White)................
 ea

**Grumman American**
Black........................... 09-43756
White........................... 09-43757
3.5 h x 16-5/8 w . ea

**Kitfox**
Black........................... 09-43742
White........................... 09-43743
1 h x 4.25 w . ea

**Kitfox A**
Black........................... 09-43744
White........................... 09-43745
5 h x 12 w . ea

**Kitfox B**
Black........................... 09-43746
1 h x 9-1/8 w . ea

**Lancer II**
Black Silver..................... 09-43798
2.5 h x 12 w . ea

**Lancer IV**
Black........................... 09-43797
3-3/8 h x 11.5 w . ea

**Tiger**
Black........................... 09-43829
White........................... 09-43831
2.75 h x 19 w . ea

**White & Red**
Black........................... 09-43800
Right, Black . 09-43801
Left, White . 09-43802
Right, White . 09-43803
4-3/8 h x 5-7/8 w . ea

**White & Black**
Black........................... 09-43824
Right, Black . 09-43826
Left, White . 09-43827
Right, White . 09-43828
3 h x 6.75 w . ea

**Full Color-screened**
Black........................... 09-43808
White........................... 09-43809
2.5 h x 12.75 w . ea

**LYCOMING**
Full Color....................... 09-43748
2 h x 6.75 w . ea

**3 h x 5 w**
Not available in lefts and rights only available as shown.

**4.5 h x 11 w**

**8.25 h x 9 w**
**LOGO DECALS**

**CENUTRIUM**
- CL-311 - 1-3/8 h x 10-3/4 w
  - P/N 09-43981 (Blk)
  - P/N 09-43982 (Wh)
- ea.

**STATIONAIR**
- CL-137 - 1-1/2 h x 14-1/2 w
  - P/N 09-43983 (Blk)
  - ea.

**SKYMASTER**
- CL-359 - 1-1/2 h x 11-1/2 w
  - P/N 09-43985 (Blk)
  - P/N 09-43986 (Wh)
  - ea.

**SKYMASTER 337**
- CL-179 - 1-1/2 h x 15-1/2 w
  - P/N 09-43987 (Blk)
  - ea.

**Golden Eagle**
- CL-126 - 2-1/2 h x 13-5/8 w
  - P/N 09-43989 (Blk)
  - P/N 09-43991 (Wh)
  - ea.

**421 GOLDEN EAGLE**
- CL-299L R - 1-5/8 h x 24 w
  - P/N 09-43992 (Blk)
  - P/N 09-43994 (Gd)
  - P/N 09-43995 (Gr)
  - ea.

**CHRISTEN HUSKY**
- CH-060 - 3/4 h x 7-1/4 w
  - P/N 09-43997 (Blk)
  - P/N 09-43998 (Wh)
  - ea.

**Curtiss**
- CR-031 - 6-3/8 h x 12 w
  - P/N 09-43999 (Blk)
  - P/N 09-44001 (Wh)
  - ea.

**EXTRA 200**
- ET-001 - 1-3/4 h x 15-1/2 w
  - P/N 09-44002 (Blk)
  - P/N 09-44003 (Wh)
  - ea.

**EXTRA 300**
- ET-002 - 1-3/4 h x 15-1/2 w
  - P/N 09-44004 (Blk)
  - P/N 09-44006 (Wh)
  - ea.

**JunkF**
- FU-002 - 4-3/4 h x 16-1/2 w
  - P/N 09-44007 (Blk)
  - P/N 09-44008 (Wh)
  - ea.

**Aztec**
- GL-002L R - 4-1/2 h x 15 w
  - Full Color on Tail
  - P/N 09-44009
  - ea.

**GULFSTREAM**
- GL-016 - 3/4 h x 5-1/2 w
  - P/N 09-44011 (Blk)
  - ea.

**DAKOTA**
- PL-0191 - 1/8 h x 9-1/2 w
  - P/N 09-44042 (Blk)
  - ea.

**Learjet**
- LE-001 - 3-1/8 h x 10-1/4 w
  - P/N 09-44013 (Blk)
  - P/N 09-44014 (Wh)
  - ea.

**Moyenne 200**
- MR-001 - 1 h x 5-1/2 w
  - P/N 09-44016 (Blk)
  - P/N 09-44017 (Wh)
  - ea.

**Mooney**
- ML-053L R - 1-1/2 h x 9 w
  - P/N 09-44018 (Blk)
  - P/N 09-44019 (Wh)
  - ea.

**Velocity**
- NL-004 - 3-1/4 h x 12 w
  - P/N 09-44028 (Blk)
  - P/N 09-44029 (Wh)
  - ea.

**Top Eagle**
- PL-128 - 2-1/4 h x 18-1/2 w
  - P/N 09-44031 (Blk)
  - P/N 09-44032 (Wh)
  - ea.

**LANCE**
- CL-248 - 1-1/2 h x 10 w
  - P/N 09-44033 (Blk)
  - ea.

**LANCE II**
- PL-073 - 1-5/8 h x 14-1/4 w
  - P/N 09-44036 (Blk)
  - P/N 09-44037 (Wh)
  - ea.

**Apache**
- PL-116 - 2-3/8 h x 10-7/8 w
  - P/N 09-44038 (Blk)
  - P/N 09-44039 (Wh)
  - ea.

**Aztec**
- PL-058 - 1-3/4 h x 3-1/2 w
  - P/N 09-44041 (Blk)
  - P/N 09-44042 (Wh)
  - ea.

**Seminole**
- PL-020 - 1-1/2 h x 15 w
  - P/N 09-44046 (Blk)
  - ea.

**NAVAJO**
- PL-091 - 3 h x 23-1/2 w
  - P/N 09-44048 (Blk)
  - ea.

**ChiefTain**
- PL-085 - 2 h x 20-5/8 w
  - P/N 09-44051 (Blk)
  - ea.

**KITFOX**
- HB-023 - 1 h x 4-1/4 w
  - P/N 09-44082 (Blk)
  - P/N 09-44083 (Wh)
  - ea.

**LANC.* IV**
- HB-124 - 4-1/2 h x 16-1/2 w
  - P/N 09-44077 (Blk)
  - P/N 09-44078 (Wh)
  - ea.

**LANC.* IV P**
- HB-207 - 2-1/2 h x 12 w
  - P/N 09-44084 (Blk)
  - ea.

**LANC.* ES**
- HB-046 - 3-1/8 h x 10-7/8 w
  - P/N 09-44089 (Blk)
  - ea.

**LANC.* ES**
- HB-102 - 2-1/2 h x 14-3/4 w
  - P/N 09-44087 (Blk)
  - P/N 09-44088 (Wh)
  - ea.

**LANC.**
- HB-090 - 3-1/4 h x 12-1/2 w
  - P/N 09-44091 (Blk)
  - ea.

**Quick Silver**
- HB-125 - 2-1/2 h x 8-1/2 w
  - P/N 09-44093 (Blk)
  - P/N 09-44094 (Wh)
  - ea.

**Baracuda**
- HO-104 - 5-1/2 h x 28 w
  - ea.

**Coyote**
- HB-038 - 2-1/4 h x 12 w
  - P/N 09-44072 (Blk)
  - ea.

**QuickSilver**
- HO-057 - 3-1/4 h x 25-1/4 w
  - P/N 09-44101 (Blk)
  - ea.

**RANS 57**
- HB-057 - 3-1/4 h x 25-1/4 w
  - P/N 09-44103 (Blk)
  - ea.

**RANS 100**
- HB-065 - 1-1/4 h x 8-1/2 w
  - P/N 09-44121 (Blk)
  - P/N 09-44122 (Wh)
  - ea.

**Robertson/Stol**
- MS-070 - 2-1/2 h x 20 w
  - P/N 09-44126 (Blk)
  - ea.

**Zenair**
- HB-055 - 3-1/2 h x 22 w
  - P/N 09-44126 (Blk)
  - ea.

**Wag-A-Bond**
- HB-050 - 3-1/2 h x 22 w
  - ea.

**Wheeler**
- HB-101 - 2 h x 12 w
  - P/N 09-44112 (Blk)
  - ea.

**ZenaIR**
- HB-035 - 1-1/4 h x 6-7/8 w
  - P/N 09-44118 (Blk)
  - ea.

**AAM**
- MS-051 - 3-1/2 h x 3-1/2 w
  - ea.

**ELT**
- MS-061 - 3 h x 3-1/2 w
  - P/N 09-44131 (Blk)
  - ea.

**QuickSilver**
- MS-050 - 3-1/2 h x 3-1/2 w
  - 09-44128 (Blk)
  - ea.
LOGO DECALS

**PROPELLER DECALS**

Sold In Pairs Only

<table>
<thead>
<tr>
<th>Aircraft</th>
<th>Vinyl</th>
<th>Stencils</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cessna</td>
<td>09-33800</td>
<td>09-33900</td>
</tr>
<tr>
<td>Piper</td>
<td>09-34000</td>
<td>09-34100</td>
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</table>

**AMERICAN FLAG DECALS**

Sold In Pairs Only

<table>
<thead>
<tr>
<th>HGT</th>
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<td>7 1/2</td>
<td>7 1/2</td>
<td>7 1/2</td>
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<tr>
<td>8</td>
<td>10 3/4</td>
<td>8 1/2</td>
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<tr>
<td>10</td>
<td>12 1/2</td>
<td>10 1/2</td>
<td>12 1/2</td>
</tr>
</tbody>
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Please order by part number. Use basic part number at top of chart, and complete part number with height of decal. Example: Wavy, 8" high is P/N 09-43108. Prices per pair (left & Right).

**STARS & BARS**

1943

Between 25 June and 14 August, the official national insignia incorporated white sidebars and an overall red surrounding.

1943-1947

The red surround of the official insignia was quickly changed to a blue surround. During its 4 years use this insignia appeared on more aircraft than all its predecessors combined.

1947-Present

With the inauguration of the Defense Department and the creation of the USAF, red bars were added to the official insignia. A variation of this insignia appears officially without the blue surround on F-11 aircraft.

**Size 2-1/2" x 15"**

Distinctive aircraft identification names, either stencils for painting or black vinyl lettering for easy press-on application.

**Aircraft**

<table>
<thead>
<tr>
<th>Cessna</th>
<th>Pipper</th>
</tr>
</thead>
<tbody>
<tr>
<td>09-33800</td>
<td>09-34000</td>
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</tbody>
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**PROPELLER DECALS**

Sold In Pairs Only

<table>
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<th>P/N</th>
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<tr>
<td>09-42830</td>
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<td>09-42838</td>
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**PRICE**

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<th>Style 3</th>
<th>Style 4A</th>
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<td>10&quot;</td>
<td>15</td>
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</tr>
<tr>
<td>20&quot;</td>
<td>25</td>
<td>30</td>
<td>35</td>
</tr>
</tbody>
</table>

Please order by part number. Use basic part number for each style number and complete part number with size of decal. Example: Style 3 decal in 25" size is P/N 09-43425.
### U.S. Flag Decals

Proudly display the Red, White, Blue. Colorful vinyl pressure-sensitive U.S. Flag decals in right or left hand pattern.

- 2.5 x 4: P/N 13-01485
- 4 x 6.5: P/N 09-35400
- 6 x 10.5: P/N 09-35500

### Aircraft Spruce Logo Decals

These royal blue on white self-adhesive oval shaped decals of the Aircraft Spruce Specialty Company logo look great on your airplane, bumper, reference books, etc. Available in 3 sizes.

- 4 wide: P/N 09-40400 (FREE)
- 8 wide: P/N 09-40410 (FREE)
- 18 wide: P/N 09-40420 (FREE)

### Aircraft Spruce Patch

This is an embroidered patch, oval in shape, and approximately 3 1/2 x 1, colors are Red/White/Blue. P/N 13-02703.

### Checklist Placards

<table>
<thead>
<tr>
<th>Description</th>
<th>P/N</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fixed gear, Fixed prop</td>
<td>09-42816</td>
</tr>
<tr>
<td>Fixed gear, Variable prop</td>
<td>09-42818</td>
</tr>
<tr>
<td>Retractable gear, Variable prop</td>
<td>09-42820</td>
</tr>
<tr>
<td>Flight Plan Sequence</td>
<td>09-42822</td>
</tr>
<tr>
<td>VFR minimums</td>
<td>09-42824</td>
</tr>
<tr>
<td>Emergency</td>
<td>09-42826</td>
</tr>
<tr>
<td>Transponder Codes</td>
<td>09-42828</td>
</tr>
</tbody>
</table>

### Instructional Use Only Placard

- Used on Part 103 exempted 2-seat ultralights.
- Available in pre-spaced vinyl lettering in your choice of color. Size: 3 x 10.
- Vinyl Lettering: P/N 09-43901

### Caution Hot Exhaust

- Black red on white decal.
- Measures 1.5 x 4. A must where muffler can be accidentally touched or brushed up against during aircraft servicing or entry. P/N 09-43902

### Open Arrows

- Custom computer cut decals to indicate operation of door handles. Specify arrow CW or arrow CCW. Arrow and OPEN can be separated and individually positioned. Color: Red. Call for quote on custom size and colors. Standard size: 2 x 3 1/2.
- Clockwise: P/N 09-43903
- Counter clockwise: P/N 09-43904
- Custom Color: add $1.00

### SOLO Seating Placards

- Silkscreened in red ink on white, all-weather vinyl. Placards for solo from front or rear seat (specify). Size: 1 x 3.
- Front Seat Solo: P/N 09-43906
- Rear Seat Solo: P/N 09-43907

### Recommended Airspeeds

- Vinyl. May be written on with a fine point indelible marker. Provides space for all your most important airspeeds. Size: 3.5 x 4.5.
- P/N 09-43908

### Windo Window Placard

- Black on white vinyl. Specify left arrow or right arrow. Size: 3/4 x 3.
- Left: P/N 09-43909
- Right: P/N 09-43911

### Static Air

- Black on white vinyl. U-V coated, fuel resistant. Used to mark location of static air vents. Size: 3/4 x 1.
- P/N 09-43912

### Canopy Release

- Black on white vinyl. Marks location of emergency release mechanisms for doors or canopies. Size: 7/8 x 3 1/8.
- Door: P/N 09-43913
- Canopy: P/N 09-43914

### Oil Injection Placard

- P/N 09-43916

### Drain Sumps

- P/N 09-00348

### Fuel Drain Locator

- P/N 09-43917

### Fire Extinguisher

- Black red on white vinyl. Used to locate extinguisher in emergency. Size: 2 x 3.5.
- P/N 09-43918

### Ballistic Chute

- Black red on white vinyl. Used to locate Ballistic Chute Handle in emergency. Size: 2 x 3.5.
- P/N 09-43919

### No Step Decal

- No Step, 1 x 5 Decal-black letters.
- P/N 1040
NAMEPLATE
All amateur-built aircraft must have a nameplate. Each or stamp required data on this indelible stainless steel nameplate. Conforms to FAA requirements. Size: 3 x 4-1/4.
P/N 09-01997

STAINLESS STEEL ID TAG
Suitable for all aircraft. Made of .0014 acid-etched stainless steel. Size: 3 x 2.
P/N 09-00761

EXPERIMENTAL
Single-piece decal with adhesive back. No need to line up 12 individual letters. One-step operation. Just remove protective backing and apply to any clean surface. 2 black letters on clear Mylar base. Decal size: 2-1/4 x 19.
Set of 2.............................. P/N 09-33400

LIGHT-SPORT
LIGHT-SPORT DECALS - Similar to our EXPERIMENTAL Decals, complies with marking requirements for LSA. Available in: 2 x 1-1/4
Black on Clear............... P/N 09-00762
Black on White............... P/N 09-00792
White on Clear............... P/N 09-00783
Bright red on white vinyl. Letters are 1 high.
P/N 09-33500

NO STEP
1 x 5 Decal-black letters.
P/N 1040

PANEL MARKING SETS

ACTUAL TYPE SIZES:

THROTTLE

DRY TRANSFER TYPE – Over 200 pressure sensitive labels and words conveniently grouped for ease of transfer to airplane controls or instrument panel. Available in two type sizes (see illustration) and in black or white lettering (specify).
Large Black........ P/N 09-34600
Large White........ P/N 09-34700
Small Black....... P/N 09-34800
Small White....... P/N 09-34900

SELF-ADHESIVE VINYL TYPE – White lettering on black background. J ust cut, peel and press in place. Includes 349 of the most commonly used cockpit identifications and symbols (avionics, electrical, engine and aircraft controls) plus 248 numbers, letters. The most complete selection available.
P/N 09-35000

HOMEBUILDERS TYPE – Self-adhesive vinyl markings for the Long-EZ but applicable to many other aircraft.
P/N 01-37800

STAINLESS PLACARDS

STEEL ID TAG
Suitable for all aircraft. Made of .0014 acid-etched stainless steel. Size: 3 x 2.
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P/N 09-35000

HOMEBUILDERS TYPE – Self-adhesive vinyl markings for the Long-EZ but applicable to many other aircraft.
P/N 01-37800
PLACARDS – STENCILS – VINYL LETTERS

12-INCH STENCIL NUMBER STRIP
Highly recommended as the easiest and most effective way to apply painted 12 stenciled N numbers on any aircraft. These come pre-spaced and aligned horizontally or vertically and assure a professional looking job. Shipped factory-direct to you within 48 hours. Provide exact N number when ordering. Special order – Non-returnable. Please specify horizontal or vertical. 6 Characters on each strip or less. Made of Vinyl.

12 Strip (straight) (right/left)…P/N 09-00287…set
12 Strip (slanted) (right/left)…P/N 09-00288…set

3-INCH STENCIL STRIP
Vertical or horizontal lettering individually spaced and aligned. Advise number. Stencils will be made-to-order and shipped in about two weeks.

Straight Set of 2 (Right/Left)…P/N 09-00290…set
Slanted Set of 2 (Right/Left)…P/N 09-00290…set

INDIVIDUAL FIGURE STENCILS

N4804K N2510T N6979N

Precut sticky paper masks for spraying registration numbers. Used by Piper and other aircraft manufacturers. Order two of each character for vertical stencils. Slanted stencils are furnished in pairs (R,L), so order one pair of each character. Order by part number. For last digit, put in number or letter needed.

3 Inch Vertical Figures…P/N 09-3280x… Ea
3 Inch Slanted Figures…P/N 09-3300x… Pr

Painting Options: These stencils offer you two methods of spraying lettering incorporated in a single stencil. You can: (1) Letter after the body color has been applied or (2) Letter before the body color has been painted. This second method provides recessed, protected lettering and eliminates masking.

LETTERING & NUMBERS
For any use. Available in over 40 type styles. Most colors available.

<table>
<thead>
<tr>
<th>Cap Size (in.)</th>
<th>In Stock Colors</th>
<th>Slanted or Reversed</th>
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*Numbers excluded

12-INCH VINYL N NUMBER STRIP
The fastest and easiest way to apply registration numbers. These numbers are pre-spaced and aligned and ready to apply in one simple operation. These are top quality numbers which are shipped factory direct to you within 48 hours. Provide exact N number when ordering. 6 Characters max. on each) Color choices are black, white, red, blue, or gold. Standard type style is helvetica. Military block, drop shadow, or outline styles are also available. Please specify your N number, color, orientation, and print style in the special instructions of the online order form. Colors Available: * Black * White * Tomato Red (Light Red) * Cardinal Red (Dark Red) * Olympic Blue (Sky Blue) * Bright Blue * Sapphire Blue * Light Navy * Metallic Gold * Metallic Silver * Green * Brown

Note: Drop Shadow style is double the cost due to it being two colors. Straight 12 Strip (6 Characters max. on each)

P/N 09-41910.............................. pr.
Slanted 12 Strip (6 Characters max. on each)

P/N 09-41922.............................. pr.

12-INCH INDIVIDUAL VINYL NUMBERS
We now offer new 12 vinyl N numbers as now required for return flight to the U.S. from foreign countries. Available in black, gold, red, white or blue. Numbers are slightly slanted. Basic part number is 09-387xx. Second to last digit is for color. 1 Black, 6 Gold, 7 Red, 8 White, 9 Blue. For last digit, put in number or letter needed.

We see our website for a complete listing of Part Numbers

3-INCH VINYL INDIVIDUAL NUMBERS & LETTERS

Individual vertical numbers and letters. Pressure sensitive vinyl for easy application. Black only. No slanted numbers available. Basic part no. is 09-331xx. For last digit, put in number or letter needed. ea. Helvetica Straight $5.50/letter Helvetica Slanted $5.25/letter Monument Block $9.25/letter

3” VINYL NUMBER STRIP

3 Straight … Right Left …… P/N 09-00292 … set
3 Slanted … Right Left …… P/N 09-00302 … set
Letter styles available for your aircraft. 3” and 12” vinyl strips.

CARDBOARD DIE-CUT ONE-PIECE STENCILS

EXPERIMENTAL 2 x 18 L P/N 09-32400
NO STEP 2 x 4-3/4 L P/N 09-32500
NO PUSH 1 x 4-3/4 L P/N 09-32600
NO front 1 x 4-3/4 L P/N 09-32700

TRACE-IT STENCIL SETS

Allows for stenciling of every letter and number. NOTE: Illustration is portrayal of item you actually receive - each kit contains 3, 12 and 24 sizes.

P/N 09-42831

388
INTERIOR PLACARD KITS

These quality decal sets are designed to provide all the necessary placards for the interior of various production and homebuilt aircraft. These interior kits are color coordinated to match factory originals. Just cut the decals you want to use from the card and apply to the aircraft interior.

Standard colors for these kits are white letters on black background. With exception to the Grumman kits marked with *. Also, most kits are available special order in black on clear or white on clear.

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EXTERIOR PLACARD KITS

Aircraft Model | P/N | Price
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Helicopter (Universal) | 09-44201 |  
Single Engine (Universal) | 09-44202 |  
Mooney M20/21 | 09-44203 |  
Piper PA28 Cher/Warrior/Archer II | 09-44204 |  
Piper PA32 Cher/Lance/Saratoga | 09-44206 |  
Piper PA32 Apache/Aztec | 09-44207 |  
Piper PA34 Seneca U/I/III | 09-44209 |  
Piper PA30/39 Twin Comanche | 09-44211 |  
Piper PA31/142T Cheyenne | 09-44205 |  
Cessna 100/200 | 09-44213 |  
Cessna 300 Series | 09-44220 |  
Cessna 400 Series | 09-44220 |  
Cessna 425/441 | 09-44235 |  
Cessna jet et 500 Series | 09-44245 |  
Beech Baron V35 | 09-44216 |  
Beech Baron 55/58 | 09-44251 |  
Beech Duke 60 | 09-44217 |  
Beech Queen Air 65/88 | 09-44218 |  
Beech King Air 200/300 | 09-44250 |  
Beechjet et 400 Series | 09-44255 |  
Exterior Kit Beech King Air | 09-01956 |  
Sabor Jet et 40/60 | 09-44219 |  
Hawker Jet 500 | 09-44280 |  
Westwind Jet et 1100 | 09-44233 |  
Gulfstream 690-1000 | 09-44224 |  
Challenger jet et 600 | 09-44227 |  
Falcon Jet et 10/20 | 09-44228 |  
lead Jet 20 Series | 09-44256 |  
lead Jet 10 Series | 09-44231 |  
Rockwell 112/114 | 09-44232 |  
Rockwell Gulf Stream 690 | 09-44233 |  

Die cut decal kits are available on request. Call for quotation.