

# POLY-FIBER AIRCRAFT COATINGS



**POLY-BRUSH**  
**FLAMMABLE** 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.

<b>Tinted</b>		<b>Untinted</b>	
Quart.... P/N 09-04100 .....	Quart .... P/N 09-04110 .....	Gallon... P/N 09-04200 .....	Gallon... P/N 09-04210 .....
5 Gal.... P/N 09-04300 .....	5 Gal .... P/N 09-04350 .....		



**POLY-SPRAY**  
**FLAMMABLE** 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 09-04400.....  
 Poly Spray (Gal.)..... P/N 09-04500.....  
 Poly Spray (5 Gal.)..... P/N 09-04600.....



**POLY-FIBER REDUCERS**  
**FLAMMABLE** A blend of solvents used for viscosity and drying control of Poly-Brush, Poly-Spray and Poly-Tone. Blend #R-65-75 is recommended as the standard reducer in normal weather, 65°-75°F. #RR-8500 is a retarder-reducer with slower drying time. Recommended for temp above 85° & warm humid weather.

<b>#65-75</b>		<b>#RR-8500</b>	
Qt..... P/N 09-04700.....	Qt..... P/N 09-04750.....	Gal..... P/N 09-04800.....	Gal..... P/N 09-04850.....
5 Gal..... P/N 09-04900.....	5 Gal.... P/N 09-04950.....		



**POLY-FIBER RETARDER**  
**FLAMMABLE** This blended solvent improves flow-out and prevents blushing under high temperature or high humidity conditions. Improves gloss.  
 BR-8600 (Qt.)..... P/N 09-40830.....  
 BR-8600 (Gal.)..... P/N 09-40840.....



**POLY-TAK CEMENT**  
**FLAMMABLE** Excellent cement for all types of fabrics. Shelf life unopened is 2 years.  
 Pint..... P/N 09-05110.....  
 Quart..... P/N 09-05000.....  
 Gallon..... P/N 09-05100.....



**POLY-TONE® FINISH**  
**FLAMMABLE** 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 may 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**

<b>4 Whites:</b>	<b>QUART</b>	<b>GALLON</b>
Insignia White (#105).....		
Juneau White (#110).....		
Glacier White (#117).....		
Daytona White (#120).....		
<b>All other colors (Color Card #50).....</b>	<b>No Charge</b>	

**TO ORDER POLYTONE:** Create the part number for the Polytone you require: *Color-PQ* (for Quart) or *Color-PG* (for Gallon)  
**Example:** 100-PQ is 1 Quart of Color #100

**POLY TONE U.V. BLOCKING**  
**FLAMMABLE** Used for additional UV Protection in ultralight airplanes. 1 fl.oz. blocks 1Quart Polytone  
 1/2 Pint Blocker (8 fluid oz)..... P/N 09-02053 .....

**POLY TONE**  
**FLAMMABLE** R-1200 Quart..... P/N 09-05200 .....



**STITS EPOXY PRIMER (GREEN) EP-420/EP-430**  
**FLAMMABLE** This green primer is fast drying, corrosion inhibiting, and has application and curing qualities down to 35°F. It is a heavy duty chemical and solvent resistant amine cured primer. Mixing ratio is 2 parts base, 1 part catalyst. Order in kits.

**Quart Kit (Yields 2 1/2 quarts)**  
 Incl. catalyst and reducer..... P/N 09-00352 .....

**Gallon Kit (Yields 2 1/2 Gallons)**  
 Incl. catalyst and reducer..... P/N 09-00353 .....

**Base:** Quart..... P/N 09-05605 .....

**Catalyst:** Pint..... P/N 09-05615 .....

**Reducer E-500 (Reduce 50%)** Quart..... P/N 09-01163 .....



**STITS EPOXY PRIMER (WHITE) EP-420/EP-430**  
**FLAMMABLE** This white heavy duty chemical and solvent resistant amine cured primer, the excellent primer from Stits is fast drying and corrosion inhibiting. It can be applied and cured to temperatures down to 35°F. Mixing ratio is 2 parts base, 1 part catalyst.

**Quart Kit (Yields 2 1/2 quarts)**  
 Incl. catalyst and reducer..... P/N 09-00285 .....

**Gallon Kit (Yields 2 1/2 Gallons)**  
 Incl. catalyst and reducer..... P/N 09-00438 .....

**Base:** Quart..... P/N 09-05625 .....

**Catalyst:** Pint..... P/N 09-05615 .....

**Reducer E-500 (Reduce 50%)** Quart..... P/N 09-01163 .....



**STITS EPOXY VARNISH EV-400/EV-410**  
**FLAMMABLE** 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 one component varnish primer if desired. Mixing ratio is 2 parts base, 1 part catalyst. Can be ordered as a kit which includes base, catalyst and reducer, or each component separately.

**Quart Kit (Yields 2-1/2 quarts)**  
 Incl. catalyst and reducer..... P/N 09-00349.....

**Gallon Kit (Yields 2-1/2 Gallons)**  
 Incl. catalyst and reducer..... P/N 09-00350.....

**Base:** Quart..... P/N 09-05645 .....

**Catalyst:** Pint..... P/N 09-05655 .....

**Reducer E-500 (Reduce 50%)** Quart..... P/N 09-01163 .....



**EPOXY ACCELERATOR EX-501**  
**FLAMMABLE** A chemical curing accelerator for use in EP-420 Epoxy Primer and EV-400 Epoxy Varnish according to directions on base component listing. Reduces polymerization time, not solvent evaporation.  
 1/2 Pint ..... P/N 09-04650 .....



**POLY-FIBER ESO ENGINE STORAGE OIL**  
**FLAMMABLE** A fine lubrication and preservative oil used to prevent corrosion in internal combustion engines during extended storage. MIL-21260.  
 Quart ..... P/N 09-42450 .....

**POLY-FIBER 60"X 48" FINE MESH PAINT STRAINER CONES**  
 P/N 09-02115 .....

**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 in a sample of old color for custom matching.

