

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



1. Paint Stripper
2. Primers: Acid Etch and Epoxy
3. Topcoat: A chemical resistant Polyurethane with UV protectors
4. PTI Polykick™ to accelerate drytime

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.



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 to clean 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 polyurethane 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. This non-toxic stripper conforms to the following specifications: Boeing D6-17487, Douglas CSD-1, T.O. 1-1-8, MIL-R-81249D, 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 it is economical. 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, aluminum, magnesium and copper alloys. The surfactants on this stripper are biodegradable. PTI-PRY conforms to the following specifications: MIL-R-81294D, Types I, II & IV and Class 3 (QPL), T.O.1-1-8, AMS 1375, DOUGLAS CSD-1, TYPE III, and BOEING D6-17487 REVISION H. PTI-Toluene is virgin (not recycled) toluene that may be used as a reducer for enamels and other coatings in the alkyd family. Do not use with PTI chromate and chromate free primers. Instead, use PT-1022X66 reducer. PT-1045 is a reducer specially formulated to compliment the PTI Air Dry Wash Primer. PT-1022X66 is a reducer specially formulated to compliment the PTI chromate and chromate free primers. PT-1003 Type II is a reducer specially formulated to compliment the PTI Epoxy primer.

Description	Part No.	Price
PRY Paint Remover QT	09-00966	.
PRY Paint Remover Gal	09-00965	.
PRY Paint Remover 5Gal	09-00964	.
PRY Paint Remover Drum	09-00963	.
PRB Paint Remover QT	09-00970	.
PRB Paint Remover 1 Gal	09-00969	.

Description	Part No.	Price
PRB Paint Remover 5Gal	09-00968	.
PRB Paint Remover Drum	09-00967	.
Alkyd&Lacquer Thinner	09-00943	.
Alkyd&Lacquer Thinner	09-00942	.
Mek Qt.	09-00972	.
Mek Gal.	09-00971	.

Description	Part No.	Price
Acetone Qt.	09-00974	.
Acetone Gal.	09-00973	.
Toluene Qt.	09-00976	.
Toluene Gal.	09-00975	.

EPOXY PRIMER

PTI's Epoxy Primer is a low VOC (volatile organic compounds) epoxy polyamide 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 coats. In laboratory tests, PTI's epoxy primer maintained its integrity when subjected to the following chemical and other resistance properties tests: 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+ Hrs DS2 (1,5-Dichloropentane) - Passes.

NOTE: Before applying, refer to the technical data sheet for this product. *Must be shaken for 15 min. on a paint shaker.



Description	Part No.	Price
Yellow QT KIT	09-00934	.
Yellow GAL KIT	09-00932	.
Green QT KIT	09-00935	.
Green GAL KIT	09-00933	.
Epoxy Thinner QT	09-00937	.
Epoxy Thinner Gal	09-00936	.

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 pigment, 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 specified in Department of Defense specification (DOD) 15328 and Military Specification MIL-8514.



Description	Part No.	Price
Yellow Acid Etch Primer QT.	09-00948	.
Yellow Acid Etch Primer Gal.	09-00946	.
Yellow Acid Etch Primer 5Gal	09-00944	.
Green Acid Etch Primer QT	09-00949	.
Green Acid Etch Primer Gal	09-00947	.
Green Acid Etch Primer 5Gal	09-00945	.
Reducer 1045 QT	09-00951	.
Reducer 1045 GAL	09-00950	.

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.



Description	Part No.	Price
Zinc Chromate Yellow Spray	09-00901	.
Zinc Chromate Yellow QT	09-00919	.
Zinc Chromate Yellow Gal	09-00922	.
Zinc Chromate Yellow 5Gal	09-00952	.
Zinc Chromate Green Spray	09-00895	.
Zinc Chromate Green QT	09-00917	.
Zinc Chromate Green Gal	09-00918	.
Zinc Chromate Green 5Gal	09-00953	.
1022X66 Reducer QT	09-00956	.
1022X66 Reducer Gal	09-00954	.

ZINC OXIDE PRIMER

PTI's Zinc Oxide Primer is formulated to exceed the performance standards in the Federal Specification TT-P-1757 (the chromate free version of that specification). Promotes maximum adhesion to bare aluminum and steel and is recommended for that purpose. Formulated to provide a high performance primer that is considered a safer, more environmentally friendly, alternative to the zinc chromate primer.



Description	Part No.	Price
Zinc Oxide Yellow Spray	09-01617	.
Zinc Oxide Primer Yellow QT	09-00961	.
Zinc Oxide Primer Yellow Gal	09-00959	.
Zinc Oxide Primer Yellow 5Gal	09-00957	.
Zinc Oxide Green Spray	09-00904	.
Zinc Oxide Primer Green QT	09-00962	.
Zinc Oxide Primer Green Gal	09-00960	.
Zinc Oxide Primer Green 5Gal	09-00958	.

PTI SANDABLE PRIMER

PT-573 is a two component epoxy based primer. PT-573 is capable of filling small holes and imperfections before topcoating. PT-573 provides a smooth, sandable base coat that improves the adhesion and appearance of the topcoat. Because of PT-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.



Description	Part No.	Price
PTI 573 Sandable Primer 2 gallon	09-02311	.
PTI 573 Sandable Primer 1 gallon	09-02312	.
PTI 573 Sandable Primer Quart	09-02313	.

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