

TECHNICAL DATA

PS-22-C1 / PH-34 SELECTIVELY STRIPPABLE PRIMARY PROTECTIVE COATING

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PRODUCT DESCRIPTION

This Skydrol resistant polyurethane clear-coat is designed for use as a selectively strippable primary protective coating for aircraft composites. When applied to EP-14-G1 permanent primer, this product enables selective removability with subsequent topcoats applied over it while protecting both the primer and composite parts during shipping and final assembly.

SURFACE PREPARATION

To be applied over EP-14-G1 Permanent Primer as part of SSS.

MIXING / APPLICATION

To 1 part PS-22-C1 base slowly add 1 part PH-34 hardener by volume. Agitate to ensure complete mixing. A 10-15% reduction of the admixed coating with SR-350 or SR-420 (VOC compliant blend) is recommended for proper application, film thickness control, and a smooth film appearance. Allow mixed material to stand for 15 minutes prior to application. Apply a dry film thickness of 0.6 – 0.8 mil for optimum performance. Coating will be tack free in 1-2 hours and dry through in 6 hours at 77 °F. Full properties are achieved after seven days cure. Paint films may be force cured at temperatures up to 140 °F for 72 +/- 1 hour following a 30-minute air dry.

Once cured, lightly abrade the surface with 320 grit aluminum oxide sand paper for optimum adhesion. Excessive mechanical sanding is not recommended to reactivate the surface. The use of an adhesion promoter is required if mechanical activation is not desired.

**For best results use the product within 2 hours of mixing.*

PHYSICAL PROPERTIES

Appearance:		Semi-Gloss Clear
Admixed Viscosity:		16-20 seconds, Zahn #2
Weight per Gallon:	A) Admixed	8.31 lbs/gal
	B) Base (PG-22-C1)	8.24 lbs/gal
	C) Hardener (PH-34)	8.38 lbs/gal
Volume Solids:	A) Admixed	40.55%
	B) Base (PG-22-C1)	32.83%
	C) Hardener (PH-34)	48.28%
Weight Solids:	A) Admixed	46.74%
Pot life:		4 hours
Coverage @ 1 mil (no loss):		650-700 sq. ft/gal
Fineness of grind:		7+ Hegman
VOC Admixed:		385-395 g/l
Dry Film Density:		5.97 lbs/1000ft ² @ 1 mil

PRECAUTIONS

Use with adequate ventilation and proper respiratory protection. See MSDS for complete details of composition and precautions.