

Primer

Starpoxy™ 420

Strontium Chromate Fluid Resistant Epoxy Primer

Starpoxy™ 420 epoxy primer is a tough epoxy/polyamide strontium chromate primer boasting excellent impact and chemical resistance designed specifically for the aerospace industry's high-performance requirements. Starpoxy 420™ is approved for the following specifications: de Havilland DHMS C4.01 Type 2, VHMS C4.01, Bombardier (Canadair) BAMS 565-001 Ty 1 C1 Gr. A, BAMS 565-08 Ty II C1 A Gr A, National Defense MIL PRF 23377, Type 1, Class C2.

- ▶ Outstanding performance = Better finish & improved product
- ▶ Long pot life = Less waste, fewer mixings
- ▶ Easy learning curve = Lower training costs
- ▶ Fast drying = Faster production cycle times
- ▶ Easy to blend = Reduced labour cost



Starpoxy™ 420

Low Chromate Strontium Chromate Fluid Resistant Epoxy Primer

Available in High Solids Low VOC product with low chromate content, providing the same barrier properties as the standard strontium chromate based primer. Starpoxy 420™ low chromate complies with the following specifications: de Havilland DHMS C4.01 Type 2, VHMS C4.01, Bombardier (Canadair) BAMS 565-001 Ty 1 C1 Gr. A, BAMS 565-08 Ty II C1 A Gr A, National Defense MIL PRF 23377, Type 1, Class C2, Viking VMS C4.01, VAMS 565-001 Gr. B.

- ▶ Outstanding performance = Better finish & improved product
- ▶ Low VOC levels = Reduced regulatory burdens
- ▶ Long pot life = Less waste, fewer mixings
- ▶ Easy learning curve = Lower training costs
- ▶ Fast drying = Faster production cycle times
- ▶ Easy to blend = Reduced labour cost

Starpoxy™ 430 **Anti-Corrosive Epoxy Primer**

Starpoxy™ 430 Fluid Resistant Epoxy Primer is a chromate free corrosion and chemical resistant primer designed for aerospace and general industrial applications. Provides excellent adhesion to aluminum, steel, galvanized, stainless, composites, and some plastics. Starpoxy™ 431P0074 / 430C0035 is approved to de Havilland Material Specification C4.01 Ty 3. Designed for aerospace and general industrial applications.

- ▶ Non-toxic anti corrosion pigments
- ▶ Long pot life with stable viscosity
- ▶ Excellent impact resistance
- ▶ Excellent spraying characteristics
- ▶ Outstanding solvent and Skydrol resistance
- ▶ Excellent adhesion to aluminum, steel, galvanized, stainless, composites and some plastics
- ▶ Fast drying (Can be force dried)

Topcoat

Starlac™ 110 **Fast Drying Lacquer**

A nitrocellulose based lacquer fast positive tack free time while retaining a good cycle to obtain best air-dry film properties. Designed for topcoat applications over a variety of substrates. All color and gloss ranges are available. Complies with A-A-3164/3165 specifications.

- ▶ Very fast drying; 1-2 minutes to dry to touch.
- ▶ Produces hard, tough, protective coating.
- ▶ Excellent spraying characteristics.
- ▶ Exhibits good adhesion to a variety of substrates.



Starpoxy™ 410 **Fluid Resistant Epoxy Polyamide Topcoat**

A two component epoxy/polyamide barrier coat/topcoat designed specifically for applications requiring high chemical and abrasion resistance. Starpoxy™ 410 is approved for de Havilland Material Specification C4.11.

- ▶ Long pot life with stable viscosity.
- ▶ High impact resistance and excellent Skydrol resistance.
- ▶ Excellent spraying characteristics and 8 hour pot life with stable viscosity.
- ▶ Outstanding solvent and Skydrol resistance.
- ▶ Excellent adhesion to aluminum, steel, galvanized, stainless composites and some plastics.
- ▶ Fast drying.

Starcron™ 570 **Isocyanate Free Acrylic Topcoat for Aerospace Touch-Ups**

Starcron™ 570 is a durable two component isocyanate free alternative for acrylic urethane coatings. This product demonstrates good corrosion resistance and weather resistance as well as good adhesion on direct to many primed and unprimed metal surfaces. Consult factory for confirmation. Starcron™ 570 has a 3.5 lb./UG VOC content when mixed 4:1 by volume. It complies with DHMS C4.07 specification.

- ▶ Reduced hazard level
- ▶ Fast dry can easily be handled soon after coating
- ▶ VOC compliant
- ▶ Outstanding wet look gloss is easily achieved in all colors.
- ▶ Excellent gloss retention when exposed to UV
- ▶ Great corrosion resistance over primer
- ▶ Available in touch up bottle (2 component design) and blister-pack pouches



Starathane™ 620 **Fluid Resistant Polyester Polyurethane Topcoat**

For a hard, flexible, high gloss film with outstanding weather and chemical resistance. Starathane™ 620 polyester polyurethane topcoat is designed for the aerospace industry's exacting specifications or where a high-performance coating is required. Starathane™ 620 is approved under the following specifications: DHMS C4.04 Ty 4, BAMS 565 002, Grade A, BAMS 565-009 Grade A, D 12 003 001/SF 000, System 1, Class I, II, III, and IV.

- ▶ Tough, time proven coating used worldwide by major manufacturers
- ▶ Excellent depth of image and gloss
- ▶ Excellent spraying characteristics
- ▶ Outstanding solvent and fluid resistance
- ▶ Remarkable flexibility
- ▶ Fantastic UV resistance
- ▶ Available in touch up bottle (2 component design) and blister-pack pouches

Starathane™ 670 & Starathane™ 670 HIHIDE™ **High Solids Fluid Resistant Polyester Polyurethane Topcoat**

Featuring high impact resistance, outstanding flexibility and excellent chemical and weather resistance, Starathane™ 670 uses high solids polyurethane technologies to deliver a brilliant finish every time. Fully compatible with our Proteus™ line of waterborne epoxy primers and Starathane™ solvent based epoxy primers. Starathane™ 670 series is approved for BAMS 565-009 Ty 2 Class A Grade B and BAMS 565-002 Class A Grade B, Class 33 and the Starathane™ 670 HIHIDE™ series is approved for BAMS 565-002 Class A Grade B, Class 20 and BAERD BA500-001 Rev C. Available in IR reflective colors and impact indicating coating for composites.

HIHIDE™ colors that have the same protective and finish properties as conventional materials are also available. HIHIDE™ colors achieve a 98% contrast ratio (ASTM D6441) when applied at a minimum dry film thickness of 0.8 mils. Tough, time proven coating used worldwide by major manufacturers.

- ▶ Excellent depth of image and gloss.
- ▶ Excellent spraying characteristics.
- ▶ Outstanding solvent resistance.
- ▶ Remarkable flexibility.
- ▶ Good UV resistance.
- ▶ Similar properties of Starathane™ 620.
- ▶ Pot life is 4 hours.
- ▶ Available in touch up bottle (2 component design) and blister-pack pouches