



Simco
We've Got You Covered

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MILGUARD-22750 **HIGH SOLIDS EPOXY COATING**

Description: Milguard-22750 is a two part VOC Compliant Epoxy Polyamide Based Coating specifically formulated for protection of areas exposed to chemicals and solvents. It is intended to be used as a topcoat for exterior or interior use on aircraft and ground support system. This product complies with the performance specifications of Mil Spec MIL-C-22750.

Technical Data

Generic Type:	Epoxy Resin & Polyamide Curing Agent
Finish:	Lustreless (camouflage) or gloss
Color:	Fed-Std- 595 Colors
Packaging:	10 Gallons and 2 Gallons Two Component Kits 1:1 By Volume
Solids by Volume:	60-65% Depending Upon The Type and Color
Flash Point (mixed):	95°F
Theoretical Spreading Rate:	Approx. 960-1040 sq. ft. /gal. @ 1 Mil D
Recommended DFT	1.5-2.0 mils./coat
Volatile Organic Compound (VOC):	2.8 lbs./gal. or 340 grm./ltr.
Pot Life	4 Hrs. @ 77°F
Shelf Life	12 months min.
Reducer/Cleanup:	Thinner # R-22750
Drying Time @ 75°F:	
To touch	4 hours
Dry hard	8 hours
To recoat	8-12 hours
To full cure	7 days

Surface Preparation:

All surfaces to be coated must be dry and cleaned free of rust, oil, dirt, soil and other contaminants. For general use steel should be blast cleaned to a minimum of commercial grade SSPC SP-6". For severe service and sustained immersion, "Near White" SSPC SP-10 is recommended.

For best results apply when surface temperature is above 50 °F (10 C) and a minimum of 5 °F (3 C) above the dew point, and relative humidity is no greater than 85%.

Application:

Spray recommended. Brush or roller may be used with additional thinning required. Care should be taken to achieve required film build.

Conventional Spray:

DeVilbiss MBC-510 spray gun "E" Fluid Tip #704, #765 or #78 Air Cap.

Airless Spray:

Use of spray tips with 0.015" to 0.021" orifice is suggested depending on available pressure and job conditions, with a minimum of 2800 PSI tip pressure.

Safety Precautions:

- (A) Use normal precautions such as gloves, facemasks.
- (B) Adequate ventilation must be maintained.
- (C) Explosion proof lights & electrical equipment.
- (D) Non-Sparking shoes & tools for workers in area.
- (E) This product contains flammable materials. Forbid all flames, smoking and welding in work area.
- (F) Avoid breathing of vapor, contact with skin or eyes. If product comes in contact with skin or eyes, wash thoroughly with water and obtain medical attention.

Non-Warranty:

The technical data listed herein has been compiled for your convenience and guidance, and is based upon our experience and knowledge. However, since we have no control over the use of this information of this product, no warranty expressed or implied, is intended or given. Simco Coatings, Inc. assumes no responsibility whatsoever for coverage, performance, or any other damages, including injuries resulting from use of this information or of products recommended herein.

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