

PRODUCT DESCRIPTION

This 2.8 VOC high solids epoxy coating conforms to **MIL-PRF-22750G, Type II, Class H, Grade A**. It exhibits excellent chemical resistance, outstanding toughness, flexibility, and abrasion resistance for interior applications. This product is available in full gloss, semi-gloss, and flat gloss ranges.

TECHNICAL DATA

- Mixing Ratio by Volume: 3:1
- Admixed Viscosity: <50 sec #4 Ford.
Viscosities will vary with each color and gloss range.
- Recommended dry film thickness: 1.7-2.3 mils
- Gloss 60°:
 - Full gloss: 90+
 - Semi-gloss: 15-30
 - Flat: <5
- Cure Rate – Air Dry @77°F and 50% relative humidity:
 - Set: <4 hours
 - Dry Hard: <8 hours
 - Full Cure: 7 days

This product may be force dried if necessary. The recommended schedule is 30-60 minute flash, then 30 to 45 minutes at 140°F. **NOTE:** force-drying of these coatings can cause the gloss to move out of the specified range.

DIRECTIONS FOR USE

Component A should be thoroughly agitated prior to blending. After agitating, mix 3 volumes of Component A to 1 volume of Component B and mix well. Allow the admixed product to stand for 30 minutes prior to use. Mix only what you will use in 4 hours. Viscosity will increase with time once admixed.

SURFACE PREPARATION

Substrate must be free of dirt, rust, grease, and other contaminants to ensure optimal performance of the coating.

Prime surface with one coat of epoxy primer at 0.6 to 0.9 mil dry film thickness and air dry at least 2 hours prior to spraying topcoat. See page 2 for recommended primers.

TECHNICAL DATA SHEET

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APPLICATION

Apply topcoat at temperatures between 60°-90°F and 20-80% relative humidity. Spray either one or two coats to achieve a dry film thickness of 1.7-2.3 mils topcoat. If multiple coats are being applied, allow 15 minutes between each coat.

CLEAN-UP

Clean equipment immediately after use with 00212SST-1 solvent blend.

HANDLING & STORAGE

The containers should be stored away from direct sunlight and heat. Freezing is not harmful if reheated gently to room temperature prior to use. For best results, maintain storage temperatures between 50° and 100°F.

PRECAUTIONS & SAFETY

- Flammable liquid.
- Use only with adequate ventilation.
- Keep away from heat, sparks and flame.
- Harmful if inhaled or ingested, may cause nose, throat, and respiratory tract irritation.
- Skin and eye irritant.
- Read all container labels and Material Safety Data Sheet prior to use.

RECOMMENDED PRIMERS & REDUCERS

RECOMMENDED PRIMERS	DESCRIPTION	SPECIFICATION
05510WEP-X/0551CEH-X	Off White Epoxy Primer	MIL-DTL-53022D, Type I
04488WEP-4/04489CEH-4	Off White Epoxy Primer	MIL-DTL-53022D, Type II
03848WEP-HFX/03849CEH-HFX	Off White Epoxy Primer	MIL-DTL-53022D, Type II
AD9320/AD2304	Green Chromated Primer	MIL-PRF-85582D, Type I
AD9318-FD/AD2298-FD	Fast Dry Yellow Epoxy Primer	MIL-PRF-23377J, Type I
RECOMMENDED REDUCER		
00212SST-1	Epoxy Reducer	MIL-T-81772B, Type II



The information contained here is to our knowledge true and accurate but all suggestions are made without guarantee since conditions of use are beyond our control. Nothing contained herein shall be construed as a recommendation to use any product in conflict with existing patents covering any material or use.

PRODUCT PART NUMBERS

FED-STD-595 COLOR	HCI PART NUMBER	DESCRIPTION
Component A		
11136	16635REF-LVOC	Red Gloss Epox-Zen
15180	17669BEF-LVOC	Blue Gloss Epox-Zen
17038	16876KEF-LVOC	Black Gloss Epox-Zen
17875	16627WEF-LVOC	White Gloss Epox-Zen
17925	16087WEF-LVOC	White Gloss Epox-Zen
24410	16675GEF-LVOC	Green Semi-Gloss Epox-Zen
24533	16125GEF-LVOC	Seafoam Green Semi-Gloss Epox-Zen
26307	16630AEF-LVOC	Gray Semi-Gloss Epox-Zen
27038	16632KEF-LVOC	Black Semi-Gloss Epox-Zen
27875	16628WEF-LVOC	White Semi-Gloss Epox-Zen
34094	16634GEF-LVOC	Green Flat Epox-Zen
34095	17603GEF-LVOC	Green Flat Epox-Zen
36118	16677AEF-LVOC	Gray Flat Epox-Zen
36231	16678AEF-LVOC	Gray Flat Epox-Zen
36495	17520AEF-LVOC	Gray Flat Epox-Zen
37038	16633KEF-LVOC	Black Flat Epox-Zen
Component B		
n/a	16062CEH-LVOC	Curing Agent for Epox-Zen, Part B

Other FED-STD-595 colors as well as custom colors available upon request.