

## TECHNICAL DATA

### EG-5-SERIES / EH-36 HIGH SOLIDS EPOXY GLOSS TOPCOAT

November 2010

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#### **PRODUCT DESCRIPTION:**

This is a two component epoxy topcoat designed to provide maximum protection from chemicals, aviation fuels, hydraulic fluids, and other corrosion causing media. It meets VOC requirements of under 420 g/L and is available in a wide range of colors and sheen.

#### **MEETS OR EXCEEDS THE PERFORMANCE REQUIREMENTS OF SPECIFICATION:**

Boeing BMS 10-11, Type II, Class A, Grade D / Boeing DMS 2433, COMP C / HMS 15-1100, Type II, Class 2 / MIL-C-22750

#### **SURFACE PREPARATION:**

Surfaces to be painted should be primed with an EP-3 series primer. The epoxy topcoat should generally be applied within 24 hours after priming.

For previously painted surfaces, an alkaline cleaner to remove all oils and other residues should be followed by sanding to a dull surface. Any corrosion must be removed and the entire surface should be primed with an EP-3 series primer.

#### **MIXING / APPLICATION:**

Shake or mix the color base component well. Then mix two parts EG-5 base with one part hardener EH-36 by volume 15 minutes prior to using. Pot life is 2 hours minimum. Spray apply over BMS-10-11 Type I primers to a dry film thickness of 1.0 to 1.5 mils.

#### **PHYSICAL PROPERTIES:**

Weight Per Gallon:	A) Admixed	11.50 +/- 2.0 # Depending on color
	B) Base	12.50 - 2.0 # Depending on color
	C) Catalyst	7.95 +/- 2 %
Weights Solids:	A) Admixed	70.0 - 85.0 % Depending on color
	B) Base	75 - 90 % Depending on color
	C) Catalyst	72.69 +/- 2%
Weights VOL:	A) Admixed	60.0 - 75.0% Depending on color
	B) Base	55.0 - 75% Depending on color
	C) Catalyst	69.80 +/- 2%
Fineness of Grind:		7.0 + Hegman
Gloss		90.0 minimum
Admixed Viscosity:		40 - 44 seconds, #2 Zahn
VOC Admixed:		< 420 g/L
Dry times @ 77°F +/- 2		
a) Dust Free		4 hours
b) Dry Through		10 hours
c) Full cure		7 Days

#### **PRECAUTIONS:**

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