TECHNICAL DATA SHEET
A-300 EPOXY With C-300 Catalyst
EMS53181 Ty. II Gr. 2

PRODUCT DESCRIPTION:

A two-component fluid resistant epoxy topcoat for the aerospace industry specifically formulated to meet Honeywell specification EMS53181 Ty. II Gr. 2.

TYPICAL PROPERTIES:

(1). COLORS..... Full Range
(2). **DRYING TIME:**
To Touch..... 1 - 2 Hours
Dry Hard..... Within 8 Hours
To Recoat..... Within 6 – 12 Hours
(3). THINNER ..... T-262-66 Thinner
(4). POT LIFE..... 8 Hours @ 77 Deg F
(5). SHELF LIFE..... 1 Year From Date/Mfg
(6). **RESISTANCE TO:**

Solvents.....Excellent
Water.....Excellent
Oils/Greases.....Excellent
Alkali.....Excellent
Diphosphate Ester.....Excellent

(7). **SPRAYING VISCOSITY:** As required for proper atomization (dependent on equipment being used)

APPLICATION AND REDUCTION:

A-300 is normally applied over well cleaned, primed metal that has been prepared according to Honeywell Specifications. Mix four parts part A-300 with one part of the C-300 catalyst provided in the kit. Allow 15 minutes induction time before thinning as needed. Thinner is only needed to achieve desired viscosity for spray application and is not necessary. Spray one tack coat at 1 wet mil, and allow to air dry for 30-60 minutes and apply a second full coat at 1.5 – 2 wet mils. Repeat as needed to achieve desired final dry film thickness. Use admixed material within 8 hours. Dry to touch in 60 minutes, to handle in 4 hours, and to recoat within 6-12 hours. Full cure at ambient temperature for 7-14 days. For bake cure, allow to air dry 30 minutes for solvent release,

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pre-heat oven and bake at 275-300 degrees Fahrenheit for 30 minutes or at 180-205 degrees Fahrenheit for 1 hour.

STORAGE / PRECAUTIONS:
Store Indoors at room temperature.
Keep away from heat, sparks and open flame.
Read MSDS before use.
Contents are Flammable.
For Industrial Use Only.

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