



TECHNICAL DATA SHEET

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P-301 #34151 GREEN EPOXY PRIMER
EMS53181 Ty. I Gr. 2

PRODUCT DESCRIPTION:

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

TYPICAL PROPERTIES:

- (1). **COLOR**..... #34151 Green
- (2). **ELONGATION:**
Passes 1/8" conical mandrel method per ASTM D-522-60.
- (3). **SALT SPRAY FOG METHOD ASTM-117-73:** No blistering, cracking, softening or delamination of film. No rust creepage at scribe and no rusting at edges after 500+ hours.
- (4). **POT LIFE**..... 8 Hours @ Room Temp.
- (5). **PENCIL HARDNESS:** 4H
- (6). **THEORETICAL COVERAGE**..... 450 Sq.Ft/Gallon
- (7). **FLASH POINT:** 23 Degrees Fahrenheit
- (8). **WEIGHT/GAL:** 10.6 - 10.7 lbs/gal (admixed)
- (9). **SOLIDS (Weight):** 38 - 40% (admixed)
- (10). **VOLATILE ORGANIC CHEMICALS (VOC)**.....388 G/L (Admixed Parts and A B)
- (11). **SPRAYING VISCOSITY:** As required for proper atomization (dependent on equipment being used)
- (12). **Thinner:** T-262A-66 or MIL-T-81772B Ty. II

APPLICATION AND REDUCTION:

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, **pre-heat** oven and bake at 175 degrees Fahrenheit for 30 minutes.