



<u>APPLICATION:</u>	Brush, roll, spray conventional or airless. When using spray equipment use a 10 - tip opening. <u>DO NOT THIN!</u>
<u>SALT SPRAY RESISTANCE:</u>	240 hours as per ASTM B 117, with a 3 mil (0.003 inches) dry film thickness.
<u>ADHESION TEST:</u>	500 PSI to rusted metal and using a topcoat of 2 component solvent base epoxy has the same resistance. Elcometer pull test.
<u>X-RAY DIFFRACTION:</u>	Product changes from active to passive stage.
<u>HEAT RESISTANCE:</u>	Up to 230°F (110°C) ASTM D 2485.
<u>FLEXIBILITY:</u>	No cracking when bent over 1/8" mandrel through 180° ASTM D 1737.
<u>COVERAGE:</u>	200 square feet with a 3 mil (0.003 inches) dry film thickness, depending on the roughness and porosity of the surface and method of application.
<u>COMPOSITION:</u>	Water emulsion, and water-soluble polymers.
<u>VISCOSITY:</u>	82-87 KU.
<u>WEIGHT PER GALLON:</u>	10.7 lbs. Minimum.
<u>TOTAL SOLIDS:</u>	45.7% minimum per weight of paint, ASTM D 2369.
<u>DRYING, CURING TIME:</u>	1/2 hour maximum to touch, at 77°F (25°C) at 50% humidity with a 3 mil (0.003 inches) dry film thickness.
<u>THROUGH DRY:</u>	2-3 hours.
<u>TO TOPCOAT:</u>	6 hours, depending on environmental conditions. Always spot test a small area for proper cure time.
<u>SOLVENT:</u>	None.
<u>VOC:</u>	0.25 Lb. per Gal 30 Grams per Liter. ASTM D 396.
<u>FLASH POINT:</u>	None.
<u>GRIND:</u>	6-7 Hegman.
<u>PIGMENT:</u>	Does NOT contain lead, chrome, or other toxic pigments.
<u>CORROSION DEPOSITS:</u>	Results of salt spray test ASTM B 117 will prove there could be no evidence of corrosion.
<u>PH:</u>	7.0 ASTM D 2369.
<u>WATER IMMERSION:</u>	168 hours, coatings unchanged. ASTM D 870.
<u>DIELECTRIC STRENGTH:</u>	186 volts per mil. Breakdown 1320 volts. ASTM D 149.
<u>SOLVENT RESISTANCE:</u>	(A) MS. 100% (B) 60% volume petroleum naphtha 25% volume toluene 15% volume Xylene After 4-week exposure the coatings on the panels did not soften or change in appearance ASTM D 381.
<u>CHEMICAL EXPOSURE:</u>	(A) 5% Hcl 24 Hrs. (B) 5% NaOH 24 Hrs. No deleterious effects were observed following these exposures. ASTM D 1308. 7