

TECHNICAL DATA SHEET

Application method. : Brush, roll, spray conventional or airless.
When using spray equipment, use a 10 tip opening.
DO NOT THIN! RUST KNOCK OUT,[®] unless spraying.
See label for instructions.

PHYSICAL PROPERTIES.

PH. : 7.0 ASTM D 2369.
Water Immersion : 168 hours, coating unchanged. ASTM D 870.
Salt spray resistance : 240 hours with a 3 mil dry film thickness.
ASTM B 117.
Freeze thaw resistance: 1 hr. at -120°F 1 hr. -5°F 1 hr. 70-75°F no
change after 15 cycles. ASTM D 1211 modified.
Adhesion test : 500 PSI to rusted metal and using top coat
of 2 component solvent base epoxy has the same
resistance. Elcometer pull test.
X Ray diffraction : Product changes rust from active to passive stage.
Heat resistance : Up to 230°F. ASTM D 2485.
Dielectric Strength : Strength is 186 volts/mil. Breakdown 1320 volts.
ASTM D 149.
Flexibility : No cracking when bent over 1/8" mandrel through 180°
ASTM D 1737.
VOC Maximum Coverage : 0.25 Lb. per Gal. 30 Grams per Liter. ASTM D 396.
: 250 square feet per gallon at 3 mil dry film
thickness, depending on roughness and porosity
of the surface. Leneta T. G. logicator
standard.
Composition : Water emulsion, and water soluble polymers.
Chemical Exposure : (A) 5% Hcl 24 Hrs. (B) 5% NaOH 24 Hrs. No deleterious
effects were observed following these exposures
ASTM D 1308.
Solvent resistance : (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.
Viscosity : 82-87 KU.
Weight per gallon : 10.7 lbs. minimum.
Total solids : 45.7% minimum per weight of paint. ASTM D 2369
* Drying time : To touch 1/2 hour maximum.
Through dry : 2-3 hours.
** To top coat : 4 hours, depending on environmental conditions.
Solvent : None.
Flash Point : None
Grind : 6-7 Hegman.
Pigment : Does NOT contain lead, chrome, or other toxic
pigments.
Corrosion deposits : Results of salt spray test ASTM B 117 will prove
there could be no evidence of corrosion.
* Drying, curing time : At 77°F and 50% humidity with 3 mils dry film
thickness.

FURTHER INFORMATION.

For further information, please contact our technical department.

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