

TECHNICAL DATA SHEET

SIMPSON COATINGS GROUP, INC.
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DATE: 5/23/05

IDENTIFICATION

Product: White Water Reducible Epoxy Ester

Product Code: 104 – 149

Type of Material: Epoxy Ester

Solvents: Alcohol, Amine, Butyl Cellosolve, Water.

Where to Use: Industrial coating for wood, metal and plastic.

Additional Information: Meets compositional requirements of food additives regulations 175.300, and direct food contact.

PHYSICAL CONSTANTS

Viscosity: 100 – 105 KU @ 77° F

Weight Per Gallon: 8.5 – 8.9

Non-Volatile Material: 38.8 – 40.7% By Wt.

26.9 – 28.8% By Vol.

Gloss @ 60 Degrees: 80

Coatings V.O.C.: Does not exceed 340 grams per liter.

APPLICATION INFORMATION

Method of Application: Professional, HVLP, Airless/Conventional Spray Technology.

Application Viscosity: As Packaged.

Required Reducer & Ratio: ½ -1 pint of water per gallon.

Wet Film Thickness: 4.0 – 5.0 mils

Dry Film Thickness: 1.0 – 1.5 mils

Spread Rate: Estimated practical coverage is 375 – 400 sq. ft. per gallon @ recommended wet mil thickness, depending on application technique and the porosity of the substrate.

Substrate: Steel, Wood and Plastic

Surface Preparation: All surfaces must be clean, dry and free of dust, dirt, oil, grease, wax or any contamination that would adversely affect the adhesion or performance of this coating.

Application Direction: Estimation of practical coverage of this product can be variable, and is completely dependent on the application technique i.e.; (determine the amount of wet film thickness to achieve the dry film thickness) and the porosity of the substrate. Drying times may be adversely affected by extreme high/low Temperature and Humidity Variances. Apply when the product, air, and surface temperatures are between 50 ° and 85 ° Fahrenheit, the relative humidity is no greater than 85% Max, and the surface is at least 5° Fahrenheit, above the dew point.

Additional Information: Do not exceed two coats @ recommended wet film thickness of 4.0-5.0 mils. A minimum of 16-24 hours must be allowed for dry time in between the first and second coat, a full 32-40 hours minimum dry time for the final coat, and a 7 to 10 day cure time for stain resistance, food contact and standard scrubbing/washing abilities.

Air Dry Schedule: Tack Free: 30 - 45 min., Handle: 45 - 60 Min., Sand/Recoat: 24 - 32 Hrs., Dry Hard/Full Cure: 7 - 10 Days.

TESTING DATA

Interior/Exterior Durability: N/A

Salt Spray/Humidity Resistance: N/A

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Recommendations are based on tests and information to be reliable. However, since we have no control over the conditions under which our products are stored, used, or handled, there are no warranties expressed or implied that the products are fit for a particular purpose.

LIMITED WARRANTY

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