

TECHNICAL DATA SHEET

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

IDENTIFICATION

Product: Spar Varnish

Product Code: 101 - 135

Type of Material: Alkyd Copolymer

Solvents: Aliphatic & Aromatic Hydrocarbons, Ketones, Petroleum Distillate

Product Description: Spar Varnish is specifically designed as a premium quality synthetic coating known for its durability, hardness, mar and moisture resistance.

PHYSICAL CONSTANTS

Viscosity: 38 - 56 #4 Ford @ 77° F

Weight Per Gallon: 7.4 - 8.0

Non-Volatile Material: 61.7 - 63.6 % By Wt.

52.8 - 54.7 % By Vol.

Gloss @ 60 Degrees: 80+

Coatings V.O.C.: Does not exceed 345 grams per liter.

APPLICATION INFORMATION

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

Application Viscosity: As Packaged.

Required Reducer & Ratio: Use ½ pint per gallon of Simpson Coatings Brush Thinner #309 - 024 or Spray Thinner #309 - 027.

Clean Up: Use Simpson Coatings Brush Thinner #309 - 024

Wet Film Thickness: 3.0 - 5.0 mils

Dry Film Thickness: 1.5 - 2.0 mils

Spread Rate: Estimated practical coverage is 350 - 400 sq. ft. per gallon @ recommended wet mil thickness, depending on application technique and the porosity of the substrate.

Substrate: Exterior and Interior Wood

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 shake or agitate the container. This will create excessive air entrapment in the coating material resulting in a propensity to blister and pinhole. STIR the product thoroughly before and during application, keeping the product dispersed for uniform consistency in the finish coat.

Air Dry Schedule: Tack Free: 2 - 3 Hrs., Handle: 4 - 6 Hrs., Sand/Recoat: 6 - 8 Hrs., Dry Hard/Full Cure: 16 - 24 Hrs.

TESTING DATA

Interior/Exterior Durability: Excellent

Salt Spray/Humidity Resistance: Excellent

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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