



Product Data Sheet

Poly-U Super Spar Varnish - 1170

Product Description

This polyurethane varnish can meet many requirements for interior and exterior applications where a hard, mar resistant finish is needed. It will not soften from heat and also resists abrasion, weather, water spotting, fruit acids, oils, gasoline, humidity, etc.

Where to Use

This product is easy to work with and flows well over floors, cabinets, trim or other suitable wood surfaces.

Product Characteristics

Color Clear
Gloss High Gloss
Architectural and Industrial Maintenance Category Varnishes

<u>Drying Time</u>	Temperature	To Touch	To Recoat
	75°F / 55% R.H.	2 Hours	12 Hours

(Cooler temperatures and higher humidity will lengthen drying time)

Preparation & Priming

Surface Preparation The surface should be clean and dry and free from any contaminants. Remove all grease, dirt, dust, etc. with detergent or solvent cleaner. Rinse thoroughly and allow to completely dry prior to coating.
Finish Coats Best results can be obtained over cabinets, trim, floors or other interior surfaces by applying Fin-Seal #1109 prior to using this product. Consult your Anchor representative for specific job recommendations.

Mixing & Application

Mixing Stir thoroughly and frequently during application. By mixing one part #1170 to one part #J1112 thinner, this product will make an excellent sealer on new or unpainted wood.
Thinning This coating is VOC compliant; only thin if permitted by federal, state and local regulations. If necessary, use Anchor #J1112 thinner.
Surface Temperature Minimum 50°F, Maximum 110°F - The surface should be dry and the relative humidity should be no greater than 85%.
Recommended Thickness 1.6-2.0 mils dry per coat, two coats recommended
Theoretical Coverage 690 ft²/gal at 1 mil dry, assuming no application losses. Coverage will vary depending on the color, application technique, porosity and design of the substrate.
Coverage Rates per Coat

	<u>Dry Mil</u>	<u>Wet Mil</u>	<u>Ft²/gal</u>
<u>Suggested</u>	1.8	4.2	383
<u>Minimum</u>	1.6	3.7	431
<u>Maximum</u>	2.0	4.6	345

Application Equipment

<u>Airless Spray</u>	Pressure	1200-2200 psi
	Tip	0.011"-0.013"
<u>Conventional Spray</u>	Air Pressure	40-70 psi
	Fluid Pressure	10-20 psi
<u>Brush</u>	Use high quality natural China Bristle brushes.	

Application Considerations Brush or spray preferred. Apply in full, even, wet coats.

Technical Information

Solids by Volume 43.03%
AIM Category VOC Limit 3.8 lb/gal (450 g/l)
Coating VOC 3.74 lb/gal (448 g/l)

Technical Information Continued

<u>Density</u>	7.49 lb/gal (897 g/l)		
<u>Packaging</u>	5 gallon pails, one gallon cans, and quart cans		
<u>Physical Properties</u>	<u>Flexibility:</u> Good	<u>Weather:</u> Very Good	<u>Abrasion:</u> Excellent

Clean-up & Storage

<u>Cleanup</u>	Use Anchor #J1112 synthetic thinner	
<u>Storage Temperature</u>	Minimum 20°F	Maximum 110°F
<u>Shelf Life</u>	Under Normal Conditions (Unopened) – Two Years	

Safety & Important Information

DANGER! COMBUSTIBLE LIQUID AND VAPOR. CONTAINS: MINERAL SPIRITS. Vapor harmful. May affect the brain or nervous system causing dizziness, headache or nausea. Causes nose, eye, skin and throat irritation. **NOTICE:** Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

Keep away from heat and flame. Prevent build-up of vapors by opening all windows and doors to achieve cross-ventilation. **Use only with adequate ventilation.** Do not breathe vapors or spray mist. Ensure fresh air entry during application and drying. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor/mist levels are above applicable limits, wear an appropriate, properly fitted respirator (NIOSH approved) during and after application. Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. **KEEP OUT OF REACH OF CHILDREN.**

WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead. **WARNING!** Sanding or scraping pressure treated lumber may be hazardous; wear appropriate protection.

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LIMITED WARRANTY: The technical data on this label or on other data is true and accurate to the best of our knowledge. We guarantee our products to conform to ANCHOR PAINT MFG. CO. quality control standards. Due to misuse in handling, storage, application and workmanship or variables such as weather or surface integrity that are beyond our control, Anchor Paint does not authorize any representative to make any warranty or merchantability of fitness of this product. Any liability whatsoever of Anchor Paint Mfg. Co. to the buyer or user of this product is limited to the purchaser's cost of the product itself.