

Maclac Product Data Sheet

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80 SERIES F-254 SEMIGLOSS /UV PRECATALYZED WATER-WHITE UNICOAT LOW VOC LACQUER

Description

This lacquer is a fast drying, Low VOC Unicoat Precatalyzed Lacquer. It is designed as a one-coat system where it may be used both as the sealer and the topcoat. This compliance lacquer has exceptional build and toughness when applied as recommended. It is recommended for use on all commonly used wood surfaces. See 80 Series Product Line information Sheet for more details.

Specifications

Weight per Gallon:	7.48	Coating VOC:	550 G/L	4.58 Lb/gal
Solids by Weight %:	25	Material VOC:	286 G/L	2.38 Lb/gal
Solids by Volume %:	18.17	VOC Weight Ratio	=1.27 Lb VOC/Lb Solid	
Coverage @ 1 mil:	291 SqFt./Gal.	Gloss = 55 @ 60 Deg		
Viscosity:	22-25 Seconds Zahn 2			

Surface Preparation

Apply over properly sanded wood surfaces. Ensure that any stains used are compatible with this system. Surfaces must be clean and free of dirt, grease and water. Remove any wax or old finish. The use of any other product as a sanding sealer will severely limit the durability and the re-coat properties of these products. No Maclac paint product has ever contained any lead. But if you are preparing previously painted surfaces with unknown paints please observe the following precautions. 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.

Mixing & Thinning

80 Series Low VOC products are supplied at ready to spray viscosity for many applications. Sealer S-148 is supplied at a low viscosity for good penetration into the wood. S-156 low solids wash coat gives better penetration into hardwoods. If you use a topcoat as a sealer, it might require some additional thinning for penetration. If any reduction is desired, thinning with Acetone (or other VOC exempt solvent) will not change the VOC content. Additional thinning with a non-exempt thinner will raise the VOC content. Thoroughly mix the material by stirring or shaking prior to application. See 80 Series Product Line Information Sheet for more information.

Application & Dry

This product is designed for spray application only. It may be applied with conventional, airless, air-assist airless or HVLP spray equipment. NOTE: because of the nature of the precatalyzed drying process it is best to get all coats applied the same day. There is a slight chance of lifting and wrinkling of partially dried coats if subsequent coats are applied after 48 hours and before about 10 days. We recommend total film thickness of 2 - 5 mils DFT

Performance & Durability

Forms a tough and durable finish coat with exceptional resistance to ultraviolet light degradation. This lacquer is designed as a water white quality lacquer. Note: whereas any nitrocellulose lacquer system will yellow with a time, R.J. McGlennon Co. recommends using this water white system over natural, light or white stains.

Environmental & Safe Handling

Warning: flammable mixture. Do not use near heat, sparks, flames, or any ignition sources. Do not cut empty containers. Use only with adequate ventilation. Dispose of any product only in accordance with all applicable regulations. See separate material safety data sheet for full details.

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LIMITED WARRANTY

The information contained herein is offered to assist customers in determining whether our products are suitable for their applications. We request that customers examine our products before use and satisfy themselves as to their suitability. We warrant that our products will meet our written specifications. Since application circumstances, substrate condition and product intermix are beyond our control, we cannot guarantee results under all possible situations. R.J. McGlennon Co. Inc. makes no representation as to the results the user will achieve. Technical advice furnished by seller or any seller's agents shall not constitute a warranty. Any liability arising out of any condition resulting from the use of any R.J. McGlennon Co. Inc. product shall be limited to replacement of such product.