

Maclac Product Data Sheet

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36 SERIES K-803 GLOSS BLACK LOW VOC LACQUER

Description

36 series Low VOC lacquer is a fast drying compliance lacquer topcoat. The vehicle is a blend of nitrocellulose and synthetic resin designed to produce a film of very good toughness and build. It is designed for interior use and is especially suitable for furniture, fixtures, toys, etc. See Product Line Information Sheet for 36 Series for more information.

Specifications

Weight per Gallon:	7.54	Coating VOC:	550 G/L	(4.58 Lb/gal)
Solids by Weight %:	25.84	Material VOC:	275 G/L	(2.29 Lb/gal)
Solids by Volume %:	18.09	VOC Weight Ratio = 1.17 Lb VOC/Lb Solid		
Coverage @ 1 mil:	290 SqFt./Gal.	Gloss = 80 @ 60 Deg		
Viscosity:	20-25 Seconds Zahn 2			

Surface Preparation

Apply over properly prepared and sanded wood surfaces. For best results on new wood use Maclac U-262 Low VOC Undercoater as the primer. Do not use undercoater on previously coated surfaces. Surfaces must be clean and free of dirt, grease and water. Remove any wax, grease, or dirt. 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

Product as supplied may require thinning for some applications. If thinning is desired then adding Acetone or other non VOC solvent such as Oxsol (PCBTF) will not change the VOC content. Additional thinning with a non-exempt lacquer thinner will raise the VOC content. In some air quality districts some thinning with standard lacquer thinner solvents may help application. See your local air district rules for guidance. Thoroughly mix the material by stirring or shaking prior to application.

Application & Dry

This low VOC lacquer topcoat is designed for spray application only. This lacquer may be applied with conventional, airless, air-assist airless or HVLP spray equipment. This lacquer will dry to touch within 20 minutes under standard conditions (when applied to approximately 1 mil dry film thickness). Additional coats may be applied when the first coat is slightly tacky. R.J. McGlennon Co. recommends that the total film build not exceed 3 - 4 mils dry film. Generally we do not recommend applying a clear topcoat on top of a tinted off white. The colorants used in the tint may migrate or "bleed" into the clear coat and change the color. The applicator should check a small area first. Additionally, a nitrocellulose clear on top of a white or tinted white may yellow faster (depending on the exposure).

Performance & Durability

Forms a tough, durable color coat for wood. This compliance lacquer applies easily and performs well.

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 product material safety data sheet for full details.

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.