

MACLAC

Low VOC Water White Lacquer

R.J. McGlennon Co. Inc.
198 Utah Street
San Francisco, CA 94103

Product Line Information Sheet

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29 SERIES LOW VOC WATER WHITE LACQUERS

Description The 29 Series Low VOC Water White Lacquer Series are fast-drying compliance lacquers recommended for use on all wood surfaces. These compliance products have exceptional build and toughness and are designed to meet the requirements of most wood finishing operations. Use the S-141 Sanding Sealer for standard applications, and use the S-142 Sanding Sealer (with U.V. Block) for those topcoats that contain U.V. Block. These low VOC water white lacquers work well over white stains. This series of lacquers are available with ultraviolet light blocker. The 29 Series Lacquers come in 5 standard gloss ranges.

G-157	Gloss	G-165	Gloss with U.V.
F-232	Semi-Gloss	F-236	Semi-Gloss with U.V.
F-233	Rubbed Effect	F-249	Rubbed Effect with U.V.
F-235	Satin Flat	F-250	Satin Flat with U.V.
F-275	Dead Flat	F-277	Semi-Gloss with U.V.

Specifications Note Below are typical values only - see product data sheet for exact values

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Weight per Gallon 7.37 - 7.43 Coating VOC: 550 G/L (4.58 Lb/gal)
Solids by Weight % 23.62 - 24.25 Material VOC: 263 - 273G/L (2.19-2.27 Lb/gal)
Solids by Volume % 16.92 -17.70 VOC Weight Ratio= 1.22 - 1.28 Lb VOC/Lb Solid
Coverage @ 1 mil 271-284 Sq Ft./Gal Viscosity = 18 - 25 Seconds Zahn 2

Surface Preparation Apply over properly prepared and sanded wood surfaces. For best performance surface must be clean and free of dirt, grease and water. Remove any wax or old finish. 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 NOISH-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 is ready to spray. No further thinning is required or recommended. However, if any reduction of solids is desired or required for a particular application, then we recommend thinning with Acetone, as this will not change the VOC content. Some air quality districts allow the addition of some retarder solvents in adverse conditions in order to stop blushing. We recommend you try about 3 - 5 % addition of

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.



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(cont')

Maclac T-314 Retarder for Low VOC Lacquers.

Check your local air quality district regulations first.

Additional thinning with a non-exempt thinner will raise the VOC content.

Thoroughly mix the material by stirring or shaking prior to application.

Application & Dry This series of products are designed for spray application only. They may be applied with conventional, airless, air-assist airless or HVLP spray equipment.
Note: generally we have found that turbine type spray equipment requires that the coating be adjusted to very low viscosity and low solids for good application, therefore we do not recommend this type of equipment for application of compliance coatings.
Since application conditions and equipment configurations are so changeable, it is impracticable to address all situations. It is important to adjust the equipment so as to achieve good atomization and flow. R. J. McGlennon Company recommends the application of 1 good coat of sealer (to a maximum thickness of 1 mil dry), followed by 2 coats of topcoat. Any film build should be done with the topcoat and not the sealer. Optimum total film thickness is 2 - 4 mils dry film. Do not exceed 5 mils total dry film thickness.
The product will dry to touch in 20 minutes under normal conditions.

Performance & Durability The 29 series Water White Lacquers are tough and durable, and are recommended for use with white stains. The 29 Series lacquers are best cleaned with mild household cleaning agents. We have not found any adverse effects as long as product cleaning directions are followed. Do not use any abrasive cleaning products on lacquer surfaces. We have tested two commercially available cleaning products and have found them suitable. They are: 1) Murphy's Oil Soap—spray formula; and, 2) Formula 409 General Surface Cleaner. Note: whereas any nitrocellulose lacquer system will yellow with time, we recommend using the water white system over white stains in order to slow the natural yellowing process.

Environmental & Safe Handling Maximum Coating VOC content as supplied is 550 G/L (4.58 Lbs/Gal.) Warning: flammable mixture. Do not use near heat, sparks, flames, or any ignition sources. Do not cut empty containers. Use only with adequate ventilation.
Note: the dried film of this coating does not contain any EPA or OSHA defined hazardous materials. The only hazardous components are the volatile solvents, and once they have evaporated the dry finish is non-toxic.
Dispose of any product only in accordance with all applicable regulations. See product material safety data sheet titled "29MSD Maclac Low VOC Water White Lacquers " for full details.

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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.