

# Maclac Product Data Sheet

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## 203 SERIES CVX-3004 275 FLAT CLEAR CONVERSION VARNISH

### Description

This conversion varnish offer increased durability and performance over lacquers. It is designed for use where air quality regulations require using 275 G/L VOC for wood finishes. This compliance gloss lacquer has exceptional toughness. It is recommended for use on all wood surfaces. See 203 Product Line information Sheet for more details.

### Specifications

Weight per Gallon:	8.45	Coating VOC:	275 G/L	2.29 Lb/gal
Solids by Weight %:	38.54	Material VOC:	135 G/L	1.13 Lb/gal
Solids by Volume %:	32.97	VOC Weight Ratio	=0.34 Lb VOC/Lb Solid	
Coverage @ 1 mil:	528 SqFt./Gal.	Gloss:	<10 (measured at 1 mil DFT on sealed surface @ 60 degree)	
Viscosity:	18 - 22 Seconds Zahn 2			

### Surface Preparation

Apply over properly sanded wood surfaces. Ensure that any stains used are compatible with this system. Maclac Stains in the 15 and 19 Series are recommended. Use 19 series stains where 240 G/L stains are required. Surfaces must be clean and free of dirt, grease and water. Remove any wax or old finish. Self-Seal only. 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](http://www.epa.gov/lead).

### Mixing & Thinning

**Catalyze Topcoats at the rate of 4 fluid ounces per gallon with Maclac CCX-1 275 Conversion Varnish Catalyst.** After catalyzing, normal pot life is 8 hours - but the best appearance is achieved if sprayed in the first 2 – 3 hours. Thoroughly mix the material by stirring or shaking prior to catalyzing and application. After adding the catalyst, the material is ready for application, no thinning is required. Adding non-exempt thinners will increase the VOC.

### Application & Dry

The 203 Series Conversion Varnishes are designed for spray application only. They may be applied with conventional, airless, air-assist airless or HVLP spray equipment. We recommend 1 wet coat as sealer, let dry about 30 to 45 minutes, sand and then apply up to 2 topcoats. See our Product Line Information Sheet for specific recoat times and information.

### Performance & Durability

The 203 Series Maclac Conversion Varnishes meet the finish performance specifications required by the Kitchen Cabinet Manufacturers Association (KCMA) under American National Standards Institute ANSI A161.1-1990 Test Protocol. This finish is recommended for commercial bar top service.

### Environmental & Safe Handling

Since air quality regulations are not consistent around the country, nor are they consistent within the State of California, check local air quality regulations prior to using this product. Since hazardous waste regulations are not consistent throughout the country contact your local hazardous waste agency with information from the MSDS to get instructions for proper disposal. Review the latest material safety data sheet for additional information on environmental & safe handling.

#### 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.