



WOOD FINISHING SYSTEMS

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Product Information (PI) Sheet

Product: FD Vinyl Sealer

Code(s): MC123319

Description: Medium solids, true water white vinyl sealer that exhibits excellent dry time, non-yellowing, adhesion and sanding properties.

Uses: Intended as a seal coater whenever contamination is suspected or when a sealer with good moisture and chemical resistance is desired. If top coating with a post catalyzed product, 1 ounce of C149 1 Care Catalyst per gallon of MC123319 can be added to further improve performance.

Other MLC Products: FD Vinyl Sealer is specifically designed for use with the WW Hi-Performance Pre-Cat Lacquer (MC12224 series). It can also be used as a sealer for any MLC pre-catalyzed lacquer, post catalyzed lacquer, conversion varnish, nitrocellulose lacquer, and CAB lacquers.

Physical Properties (packaged)
Weight per Gallon: 7.20 ± 2.0
Viscosity - Ford #4 at 77°F/25°C: 10-14 seconds
% Solids - by Weight: 19.2 ± 2.0
% Solids - by Volume: 13.6 ± 2.0
Theoretical Coverage at 1 Mil Dry: 218 ± 10 sq. ft. per gallon
Flash Point (PMCC): -4°F or -20°C
Color: Water White Clear
Packaged VOC: 661 g/l, (5.52 lb/gal)
Photochemically Reactive: No

Surface Preparation
New Work: Remove any dirt, grease or other contamination and sand as required. If desired, apply WoodSong II stain as directed by the M.L. Campbell Product Information (PI) Sheet, prior to finishing.
Old Work: Strip old finishes completely and remove all contaminants from the surface. Make sure surface is dry. Finish as new work.

Reduction
MC123319 FD Vinyl Sealer is packaged ready to spray.

Mixing
For catalyst use C149 1 Care Catalyst at 1 ounce per gallon of FD Vinyl Sealer, to improve further performance. After catalyzation, FD Vinyl Sealer has a pot life (usable time) of 8 hours.

## Application Procedure

Apply no more than one coat of vinyl sealer at 2-4 wet mils maximum. Sand with 220 to 320 grit sandpaper before applying topcoat. Recommended topcoats: One coat of vinyl sealer can be applied under WW Hi-Performance Pre-Cat or any M.L. Campbell solvent-based lacquers (pre catalyzed and post catalyzed lacquers, conversion varnishes, nitrocellulose lacquers and CAB modified lacquers).

**Refer to spray equipment suppliers, recommendations for fine lacquer atomizing spray guns, air caps, and fluid needles.**

**Note:** Hot spray application is not recommended. If hot spray equipment is used, temperature settings should never be over 110°F or 43° C.

## Equipment Clean Up

- Use lacquer thinner to clean up all equipment.
- Dispose of dirty solvent and cleaning rags in a safe and approved manner.
- Solvent or lacquer-soaked rags should be stored in water-filled, closed containers prior to disposal.

## Drying Times (at 77° F or 25° C)

<b>Dry to Touch:</b>	15 ± 5 minutes
<b>Sanding Dry:</b>	25 ± 5 minutes
<b>Stacking Dry:</b>	12 hours

## Packaging/Shipping

<b>Available Units:</b>	Pails and Drums.
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## Shelf Life and Storage

- Shelf life is 36 Months.

## DOT Classification

Flammable Liquid	Red Label	UN1263 Paint	UN1263	PG II
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## Caution

- **THESE PRODUCTS ARE DESIGNED FOR SHOP APPLICATION AND PROFESSIONAL USE ONLY.**
- Use only after all safety information is understood.
- Refer to the Material Safety Data Sheet (MSDS) for additional information.

## Testing

Due to the wide variety of substrates, surface preparation methods, application methods, and environments, customers should test the complete system for adhesion and compatibility under their conditions prior to full-scale application.

## Notes

The information, rating, and options stated here pertain to the material currently offered and represent the results of tests believed to be reliable. However, due to variations in customer handling and methods of application that are not known or under our control, M.L. Campbell cannot make any warranties as to the end result. *Thank you for using M.L. Campbell Wood Finishing products.*