

Product Information (PI) Sheet

Product: Fast Dry High Performance Conversion Varnish Clear

Code(s):	MC119622 Dull	MC119623 25 Sheen	MC119624 Satin
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Description: Fast Dry High Performance Conversion Varnish Clear is a very durable, self-sealing, fast dry, HAPS compliant finish for wood surfaces with added UV absorbers to offer outstanding UV resistance under ultraviolet exposure. Fast Dry High Performance Conversion Varnish passes all KCMA tests, and AWI System 5 (Conversion Varnish) for chemical and moisture resistance.

Uses: FD HP CV is specifically designed for use on interior wood furniture, millwork, kitchen and bathroom cabinets.

Other Products: For stain requirements, see M.L. Campbell WoodSong II Wiping Stains and available ML Campbell spray stain formulations. If separate sealer is desired use M.L. Campbell C100 25 Vinyl Sealer or C156 11 Krystal Sealer.

Physical Properties (packaged)	
Weight per Gallon:	7.94 +/- 0.2
Viscosity - Ford #4 at 77°F/25°C:	33 - 36 Seconds
% Solids - by Weight:	35.92 ± 2
% Solids - by Volume:	29.05 ± 2
Theoretical Coverage at 1 Mil Dry: (Coverage figures DO NOT INCLUDE spray loss. Also allow for surface irregularities and porosity of wood surface to be finished.)	466 ± 25 sq. ft. per gallon
Flash Point (PMCC):	65 °F
Color:	1-3 GH
Sheen (60° Glossmeter):	Dull 15+/- 2, 25 Sheen 25+/- 2, Satin 35+/- 2
Packaged VOC:	5.08-5.12 lb/gal (609-615 g/l) less exempt solvents
Photochemically Reactive:	Yes

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 specific 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

No reduction required however small amounts of C162 1 Care Reducer can be added if required. If blushing occurs use M.L. Campbell C162 Flow Enhancer 1 or C161 1 Care Retarder.

Catalyzing/ Mixing

FD HP CV Clear has been developed to start its cross-linking (drying) with the addition of 12.8 ounces of C149 1 Care Catalyst per gallon (10:1 ratio). Always mix in the catalyst thoroughly before application. No waiting period (sweating in time) is necessary before using this product. Mix well before using. Material may separate during long-term storage.

Application Procedure

An excellent, very durable finish can be developed by applying just two coats at 4 to 5 mils wet. Apply no more than three coats keeping in mind that you do not want to exceed a final dry mil thickness of 4 to 5 mils. It is recommended to always sand between coats. For best results use as a self seal system or use C156 11 Krystal Sealer. **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. Always agitate thoroughly before application.

Equipment Clean Up

- Use lacquer thinner or wash 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)

Dry to Touch:	15-25 minutes
Sanding Dry:	30-45 minutes
Stacking Dry:	5 to 8 Hours

Packaging/Shipping

Available Units: Pails

Shelf Life and Storage

- Shelf life – 3 years
- Potlife after catalyzation: 12 hours
- Store in a cool, dry area in the original sealed containers.
- Do not store around any source of flames or sparks.
- Spills should be cleaned up with non-sparking tools and inert absorbent material.

DOT Classification

Flammable Liquid	Red Label	UN1263		
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B/L Description

Paint	UN1263			
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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 Safety Data Sheet (SDS) 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.*