



WOOD FINISHING SYSTEMS

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## Product Information (PI) Sheet

**Product:** High Performance Pre-Cat White/Opaque

<b>Code(s):</b>	<b>MW122642</b> Dull	<b>MW122644</b> Satin	<b>MW122646</b> Semi-Gloss	
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**Description:** High Performance Pre-Cat White/Opaque is a high quality, non-yellowing, HAPS-free pre-catalyzed lacquer with ultra low formaldehyde. High Performance Pre-Cat White/Opaque is a medium solids, fast drying formulation, and has exceptional resistance to water, solvents and household chemicals. High Performance Pre-Cat White/Opaque is a world class pigmented coating that makes available to you, the latest in high performance, long lasting wood finish technology.

**Uses:** High Performance Pre-Cat White /Opaque is a furniture quality lacquer designed for use on kitchen and bathroom cabinets, dormitory, household, display fixtures and the wood parts of upholstered furniture. High Performance Pre-Cat White/Opaque passes all KCMA tests, and AWI System 2 and System 5 chemical and moisture resistance tests.

**Other MLC Products:** For lacquer thinner, use C162 1 Care Reducer. To slow drying, use C161 1 Care Retarder. For a base coat, use W111 219 White Vinyl Primer, W350 10 Magnalac Undercoater, W115749 MagnaClaw Pre-Cat Primer, or W370 9 Clawlock Catalyzed Primer.

Physical Properties (packaged)	
<b>Weight per Gallon:</b>	8.39 +/- 0.2
<b>Viscosity - Ford #4 at 77°F/25°C:</b>	30-38 seconds
<b>% Solids - by Weight:</b>	38.24 +/- 2.0
<b>% Solids - by Volume:</b>	24.94 +/- 2.0
<b>Theoretical Coverage at 1 Mil Dry:</b> (Coverage figures DO NOT INCLUDE spray loss. Also allow for surface irregularities and porosity of wood surface to be finished.)	400 +/- 25 sq. ft. per gallon
<b>Flash Point (PMCC):</b>	7
<b>Color:</b>	White
<b>Sheen (60° Glossmeter):</b>	Dull 15±2, Satin 35±2, and SG 65±2
<b>Packaged VOC:</b>	594 g/l (4.95 lbs/gallon)
<b>Photochemically Reactive:</b>	No

Surface Preparation	
<b>New Work:</b>	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.
<b>Old Work:</b>	Strip old finishes completely and remove all contaminants from the surface. Make sure surface is dry. Finish as new work.

Reduction
If blushing occurs, use M.L. Campbell's C162 Flow Enhancer 1, or C161 1 Care Retarder.

## Application Procedure

Pre-catalyzed type coatings develop very durable finishes, but require controlled application procedures. An excellent long lasting finish can be developed by applying two coats of **High Performance Pre-Cat White/Opaque** over one or two coats of W111 219 White Vinyl Primer, W350 10 Magnalac Undercoater, W115749 MagnaClaw Pre-Cat Primer, or W370 9 Clawlock Catalyzed Primer. Too much coating weight can cause problems. The recommended dry mil film thickness after sanding should not exceed 5 mils dry. 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>	10-20 minutes
<b>Sanding Dry:</b>	25-35 minutes
<b>Stacking Dry:</b>	10 hours

## Packaging/Shipping

<b>Available Units:</b>	1 gallon Unit	5 Gallon Unit
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## Shelf Life and Storage

- Before the product is catalyzed it has a 36 month shelf life, after it is catalyzed it has a 120 day shelf life

## DOT Classification

Flammable Liquid	Red Label	UN 1263		
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## B/L Description

Paint	UN 1263	3	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.*