

## Product Information (PI) Sheet

**Product:** MagnaKlear Pre-Cat Clear Conversion Coating

<b>Code(s):</b>	<b>C15812</b> Dull	<b>C15814</b> Satin	<b>C15816</b> Semi-Gloss	<b>C15818</b> Gloss
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**Description:** MagnaKlear is a very unique patent pending non-yellowing, water white, pre-catalyzed clear amino alkyd formula. MagnaKlear provides a very durable hand rubbed smooth to the touch finish on wood surfaces and is also ideal as a protective non-yellowing clear coating over pigmented and glazed systems. MagnaKlear offers outstanding UV resistance and will not yellow under ultraviolet exposure. MagnaKlear passes all KCMA tests, and AWI System 2, Pre-catalyzed Lacquer and System 5, Conversion Varnish for chemical and moisture resistance tests. MagnaKlear is HAPS-free, ultra low formaldehyde and formulated to meet world E1 standards for providing a better work environment.

**Uses:** MagnaKlear formulas were specifically designed with ease of use on interior wood furniture, millwork, kitchen and bathroom cabinets exposed to moisture, heat, and household chemicals.

**Other Products:** For stain requirements, see M.L. Campbell WoodSong II Wiping Stains and Microton Spray Stains. MagnaKlear is self-sealing. If separate sealer is desired use M.L. Campbell C100 25 Vinyl Sealer or C156 11 Krystal Sealer.

Physical Properties (packaged)	
<b>Weight per Gallon:</b>	7.70 ± 0.2
<b>Viscosity - Ford #4 at 77°F/25°C:</b>	25 -30 Seconds
<b>% Solids - by Weight:</b>	34.0 ± 2
<b>% Solids - by Volume:</b>	26.0 ± 2
<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.)	420 ± 25 sq. ft. per gallon
<b>Flash Point (PMCC):</b>	26°F or -3.33°C
<b>Color:</b>	1-2 GH
<b>Sheen (60° Glossmeter):</b>	Dull 15±2, Satin 35±2, Semi-Gloss 65±2, Gloss 80+
<b>Packaged VOC:</b>	4.92 lb/gal (490 g/l) less exempt solvents
<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

No reduction required, however small amounts of lacquer thinner (C160 36 Lacquer Thinner or C162 1 Care Reducer) may be used if required for specific equipment. If blushing occurs use M.L. Campbell C162 Flow Enhancer 1 or C161 1 Care Retarder.

### Mixing

Mix well before using. Material may separate during long-term storage.

### Application Procedure

MagnaKlear has Hi-Solids and is formulated to be a self-sealing system. Always agitate thoroughly before application. Apply 2-3 coats at 3-6 wet mils on sanded substrate. The second or third coat should be applied after complete drying of the previous coat. For easy sanding between coats use medium Scotch Brite. Always sand prior to recoating. The total dry film build should be at least 2.5 mils and should not exceed 5.0 dry mils. MagnaKlear should be applied when temperatures in the spray room are at a minimum of 68°F (20°C).

**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 or VC16936 Fast Reducer VOC Exempt 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>	15-25 minutes
<b>Sanding Dry:</b>	30-45 minutes
<b>Stacking Dry:</b>	5-7 Hours

### Packaging/Shipping

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

- Shelf life – 18 months
- 60 days after catalyzation: 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.
- If stored at temperatures below 30 °F (0 °C), this product may gel.
- If so, warming to room temperature will restore it to useable condition.

### 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 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.*