

Product Information (PI) Sheet

Product: MagnaMax Pre-Catalyzed Pigmented Lacquer

Code(s):	W297 12 Dull	W297 14 Satin	W297 16 Semi-Gloss	W297 18 Gloss
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Description: MagnaMax Pre-Cat Pigmented lacquer is a premium quality, yellowing resistant, HAPs free, ultra low formaldehyde, nitrocellulose amino alkyd formulation that meets AWI OP-4 rating for chemical and moisture resistance. Supplied in a high solids, high build, thermoset, fast drying formulation, MagnaMax has exceptional resistance to water, solvents and household chemicals. MagnaMax is a World Class coating that features latest in high performance, long lasting wood finish technology.

Uses: MagnaMax Pre-Catalyzed Pigmented Lacquer is a furniture quality lacquer designed for use on kitchen and bathroom cabinets, dormitory, household, display fixtures and the wood parts of upholstered furniture.

Other Products: For lacquer thinner, use C162 1 M.L. Campbell Care Reducer. To slow drying, use M.L. Campbell Care Retarder C161 1. For a base coat, use W112 19 WVP (White Vinyl Primer), W350 10 Magnalac Primer Undercoater, W370 9 Clawlock Catalyzed Primer Undercoater or MagnaClaw Pre-Cat Primer/Undercoater, W115749. Clear topcoats are not necessary in most cases. However, if a clear topcoat is desired or needed use MagnaKlear Pre-Cat Clear topcoat for non-yellowing protection.

Physical Properties (packaged)	
Weight per Gallon:	8.6 lbs ± .2
Viscosity - Ford #4 at 77°F/25°C:	40-50 seconds
% Solids - by Weight:	41.92 ±2
% Solids - by Volume:	28.59 ±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.)	459 sq. ft. per gallon
Flash Point (PMCC):	40°F
Color:	White
Sheen (60° Glossmeter):	Dull 15 ±2, Satin 35 ±2, Semi-Gloss: 65 ±2, Gloss: 80+
Packaged VOC:	579 ±20 g/l (4.95 lbs./gallon)
Photochemically Reactive:	No

Surface Preparation	
New Work:	Remove any dirt, grease or other contamination and sand as required.
Old Work:	Strip old finishes completely and remove all contaminants from the surface. Make sure surface is dry. Finish as new work. If cratering develops on old work, Fish Eye Killer may remedy this problem, if the contamination is not too severe.

Reduction	
MagnaMax Pre-catalyzed Pigmented Lacquer White can be applied as supplied or reduce as required with C 162 1 ML Campbell Care Reducer.	

Mixing

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

Tinting

Please note that the addition of colorant to pigmented coatings, in direct relationship to the amount of colorant used, will detract from the overall durability of the coatings and can also affect luster. We recommend a color limitation in the White/Opaque Base of (8) ounces per gallon and in the Clear Base (10) ounces per gallon. Only tint MagnaMax with M.L. Campbell Industrial Colorants. DO NOT tint with colorants that contain glycol.

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 MagnaMax Pre-catalyzed Pigmented Lacquer over one or two coats of W112 19 W.V.P. (White Vinyl Primer), W350 10 Magnalac Primer, W370 9 Clawlock Catalyzed Primer/Undercoater or W115749 MagnaClaw Pre-Cat Primer/Undercoater.

When applying a color over the Primer/Undercoater, it is suggested you tint it to approximate the finished color. Following the application of the Primer/Undercoater, apply no more than two coats of M.L. Campbell MagnaMax Pre-catalyzed Pigmented Lacquer. Remember that light scuff sanding in between coats is always recommended. When sanding between coats, use 320 Grit Fre-Cut (no fill) sandpaper. Clear topcoats are not necessary in most cases. However, if a clear topcoat is desired or needed, use MagnaKlear Pre-Cat Clear topcoat for non-yellowing protection. Always agitate the product thoroughly during application. Too much coating weight can cause problems. The total 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.

	(at 77° F or 25° C)	Drying Times	(at 120°F or 49°C)
Dry to Touch:	15-25 minutes		5-10 minutes
Sanding Dry:	30-40 minutes		8-12 minutes
Stacking Dry:	12 hours		30-60 minutes

MagnaMax can be forced dried at temperatures of 120°F (49°C). If not force dried, it can be packed for shipping on the same schedule used for conventional nitrocellulose products.

Packaging/Shipping

Available Units: Gallons and Pails

Shelf Life and Storage

- 36 month shelf life
- Pot life of 120 days - Store in cool, dry areas 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	UN 1263

B/L Description			
Paint	UN 1263	3	PG II

Caution
<ul style="list-style-type: none">• 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. <i>Thank you for using M.L. Campbell Wood Finishing products.</i>