

Product Information (PI) Sheet

Product: Designer Pro™ Factory Catalyzed Pre-Cat Clear Topcoat & Tint-Base

Code(s):	V145410 Flat Super	V145412 Dull	V145414 Satin	V145418 Gloss
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Description: Designer Pro™ Factory Catalyzed Pre-Cat Topcoat Clear is a superior fine furniture quality, pre-catalyzed lacquer that has excellent build, is fast drying and HAPs Free. Designer Pro Pre-Cat Clear is a self-sealing, easy to spray formulation with superior moisture resistance when compared to legacy furniture systems. Designer Pro™ Factory Catalyzed Pre-Cat Topcoat Clear represents next generation wood finishing technology and is specifically developed for the protection and beautifying of furniture. Designer Pro™ Factory Catalyzed Pre-Cat Topcoat Clear exhibits a smooth & silky feel, optimal flow and leveling, good clarity and outstanding depth of color. It provides improved moisture, scratch and mar resistance over traditional nitrocellulose lacquer.

Uses: Designer Pro™ Factory Catalyzed Pre-Cat Topcoat has been developed for finishing furniture, interior paneling, trim or other wood finishing uses where the fast dry, high build and final smooth appearance is important. Designer Pro™ Factory Catalyzed Pre-Cat Topcoat can also be used on kitchen and bathroom cabinets, millwork and displays and passes all KCMA tests, and AWI System 2 chemical and moisture resistance tests.

Other Products: For stain requirements, see M.L. Campbell WoodSong II Wiping Stain or WS2NB4 WoodSong II NGR Spray Stain Base. Designer Pro™ Factory Catalyzed Pre-Cat Topcoat is self-sealing. If a separate sealer or primer is desired, use C10190 Vinyl-Snap Sealer, W10190 Vinyl-Snap Primer or or W115749 MagnaClaw Pre-Cat Primer Systems.

Physical Properties (packaged)	
Weight per Gallon:	7.83 ± 0.2 lbs.
Viscosity - Ford #4 at 77°F/25°C:	18 ± 3 seconds
% Solids - by Weight:	28.50 ± 2% Varies by sheen
% Solids - by Volume:	21.00 ± 2% Varies by sheen
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.)	335 ± 10 sq. ft. per gallon
Flash Point (PMCC):	20 °F
Color:	1-3 GH
Sheen (60° Glossmeter):	Super Flat <5, Dull 15±2, Satin 35±2, Gloss 90±10
Packaged VOC:	650±10 g/l or 5.42 ±0.1 lbs./gal
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 the surface is dry. Finish as new work.



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Mixing

Shake or stir well before and during use.

Reduction

Reduction is usually not required; however, small amounts of standard lacquer thinner may be used if required for viscosity adjustment when using specific equipment (up to 10% max). If blushing occurs, use up to 5% Care Reducer C1621 or 1-3% BC Retarder C16336.

Application Procedure

Designer Pro™ Factory Catalyzed Pre-Cat Topcoat Clear is formulated to be a self-sealing system. Always agitate thoroughly before application. Apply 2-3 coats at 3-5 wet mils on sanded substrate. Sand between coats using 280-320, Fre-cut (no fill) type sandpaper. Always sand just prior to recoating. The total dry film build should be at least 2.5 mils and should not exceed 5 dry mils. Should be applied when temperatures in the spray room are at a minimum of 68°F (20°C). If finished repair is required, wash off within 48 hours using lacquer thinner or VC16936 Fast Reducer VOC Exempt.

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 (acetone) 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)

Table with 2 columns: Drying Stage and Time. Rows: Dry to Touch (15-20 mins), Sanding Dry (30-45 mins), Stacking Dry (4-5 hours).

Packaging/Shipping

Available Units: Gallons, Pails, Drums.

Shelf Life and Storage

- Shelf life – 24 months.
• 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 / B/L Description

Table with 4 columns: Flammable Liquid, Red Label, UN 1263, Paint, UN 1263, 3, PG II





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Caution

- **M.L. CAMPBELL PRODUCTS ARE DESIGNED FOR SHOP APPLICATION AND PROFESSIONAL USE ONLY.**
- Use only after all safety information is understood.
- Refer to the assigned 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.*