

Product Information (PI) Sheet

Product: **MAGNA-TEK™ Pre-Catalyzed Tint Base & Topcoat - Clear**

Code(s) :	V44720 Super Flat	V44722 Dull	V44724 Satin	V44726 Semi-Gloss	V44728 Gloss
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Description: **MAGNA-TEK™ Pre-Catalyzed Tint Base & Topcoat Clear** is a next generation pre-catalyzed top-coat system, pass AWI/KCMA system 2 & 5 offering exceptional flow, leveling and build. This easy-to-use system provides exceptional durability, while improving the application friendliness of a traditional pre-cat system. Its ability to build quickly, level-out, and dry faster than traditional pre-catalyzed systems will result in improved productivity while maintaining the superior moisture resistance, adhesion, and protection for all your finished wood projects.

Uses: **MAGNA-TEK™ Pre-Catalyzed Tint Base & Topcoat Clear** is recommended for kitchen cabinets or institutional furniture where extra moisture resistance is needed.

Other: **MAGNA-TEK™ Pre-Catalyzed Tint Base & Topcoat Clear** can be applied over M.L. Campbell solvent-based Vinyl-Snap™ sealer (C10190) and primer (W10190) in addition to QD White Vinyl Primer (W12419) and QD Vinyl Sealer (C10189)

Physical Properties (packaged)	
Weight per Gallon:	7.96 ± 0.2 lbs.
Viscosity - Ford #4 at 77°F/25°C:	25±5 seconds
% Solids - by Weight:	32.1 ± 2.0
% Solids - by Volume:	24.0 ± 2.0
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.)	385 ± 10 sq. ft. per gallon
Flash Point (PMCC):	21°F or -6°C
Color:	Clear
Gloss at 60°:	Super Flat (4±3) Dull (15±3), Satin (35±3), Semi-Gloss (65±3) & Gloss (80+)
Packaged VOC:	605 g/l (5.05 lbs./gallon)
Photo-chemically Reactive:	No

Surface Preparation	
New Work:	Remove any dirt, grease, glue or other construction contaminants and sand wood as required. Apply stain, if specified, as directed prior to finishing.
Old Work:	Strip old finishes completely and remove all contaminants from the surface. Make sure surface is dry, sand as required. Finish as new work. If cratering develops on work, Fisheye Killer WR5 may remedy this problem (if the contaminant is not too severe). Note: The use of excessive film build of any Clear Topcoat will cause deterioration of the adhesion and mar-resistance of the total finishing system.

Reduction
No reduction is required; however, small amounts up to 5% of M.L. Campbell Standard Lacquer Thinner C16036, or M.L. Campbell C162-1 Flow Enhancer may be used if required for specific equipment. If blushing occurs use M.L. Campbell C161-1 Care Retarder or Slow Retarder VOC Exempt VC1671. IMPORTANT – M.L. Campbell VOC Exempt Reducers and Retarders are compliant and will not increase VOC levels in VOC compliant coatings.

Mixing

MUST catalyze **MAGNA-TEK™ Pre-Catalyzed Tint Base & Topcoat Clear** with **C1491 Care Catalyst** at **2.2% by weight or 2.8 oz. per gallon**, to give improved resistance to wrinkling and lifting. After catalyzation, **MAGNA-TEK™** has a **pot life (usable time) of 2 months** under normal storage temperature. Higher temperature conditions will shorten the pot life.

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 MAGNA-TEK™ Pre-Catalyzed Tint Base & Topcoat Clear over one or two coats of Vinyl-Snap Sealer (C10190) or QD Vinyl Sealer (C10189)

MAGNA-TEK™ Pre-Catalyzed Tint Base & Topcoat Clear is formulated to be a self-sealing system. Always agitate thoroughly before application. Apply 2-3 coats at 3-6 mils wet on sanded substrate. The second or third coat should be applied after complete drying of the previous coat. Sand between coats using 320-400 grit free-cut (no fill) type sandpaper. Always sand just prior to recoating. The total dry film build should be at least 2.5-3.0 mils and should not exceed 5-5.5 dry mils. MAGNA-TEK FD HB Clear Topcoat should be applied when temperatures in the spray room are at a minimum of 68°F (20°C). **1-2% BC Retarder may be added to MAGNA-TEK™ Pre-Catalyzed Tint Base & Topcoat Clear when temperatures are hot and humid.**

Refer to spray equipment suppliers for recommendations on fine atomizing spray guns, air caps and fluid needles. Note: Hot Spray application is not recommended. If hot spray equipment is used, temperature setting 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)

Dry to Touch:	10-15 Minutes
Sanding Dry:	25-35 Minutes
Stacking Dry:	4-6 hours

Packaging/Shipping

Available Units: Gallons, and Pails.

Shelf Life and Storage

- Package life is (3) three years & 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 usable condition.

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 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.*