

Product Information (PI) Sheet

Product: Quick Dry Vinyl Sealer

Code(s) : C10189

Description: A HAPs free fast dry vinyl modified nitrocellulose lacquer sealer with excellent sanding properties. It is formulated to offer an improvement over conventional lacquer sealers where excellent adhesion, stain blocking and superior moisture resistance is required.

Uses: Quick Dry Vinyl Sealer is recommended for kitchen cabinets or institutional furniture where extra moisture resistance is needed. For optimum adhesion and film properties, this sealer contains no stearate type sanding aid. Use a "Fre-Cut" (no fill) type sand paper. Only scuff sanding is recommended with this sealer.

Other Products: Quick Dry Vinyl Sealer can be applied under any M.L. Campbell solvent-based pre-catalyzed and post-catalyzed lacquers, conversion varnishes, nitrocellulose lacquers and CAB modified lacquers. For conventional lacquer sealers, see M.L. Campbell Easy Sanding Sealer. See also M.L. Campbell WoodSong II Stains.

Physical Properties (packaged)	
Weight per Gallon:	7.30 lbs. ± 0.2 lbs
Viscosity - Ford #4 at 77°F/25°C:	15-20 seconds
% Solids - by Weight:	22.5 ± 2.0
% Solids - by Volume:	15.0 ± 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.)	240 sq. ft. per gallon
Flash Point (PMCC):	37°F or 7°C
Color:	Cloudy
Packaged VOC:	536 g/l (4.5 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, Fish Eye Killer WR5 may remedy this problem (if the contaminant is not too severe). Note: The use of excessive film build of any sealer will cause deterioration of the adhesion and mar-resistance of the total finishing system. The use of a vinyl sealer in any finishing system should be limited to one coat.

Reduction

No reduction is required; however, small amounts of M.L. Campbell Standard Lacquer Thinner C16036, Fast Reducer VOC Exempt VC16936 or Medium Reducer VOC Exempt VC1681 may be used if required for specific equipment. If blushing occurs use M.L. Campbell C162 Flow Enhancer 1, 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

When topcoat is a catalyzed product we recommend the distributor catalyze Quick Dry Vinyl Sealer with C400CAT MagnaMax catalyst at 1 oz. per gallon or 0.9% by weight, to give improved resistance to wrinkling and lifting. After catalyzation, Quick Dry Vinyl Sealer has a pot life (usable time) of 6 months under normal storage temperature. Higher temperature conditions will shorten the pot life.

Application Procedure

Apply no more than one coat of vinyl sealer at 2-4 wet mils maximum. Sand with 220 to 320 grit sandpaper before applying topcoat. One coat of vinyl sealer can be applied under any M.L. Campbell solvent-based pre-catalyzed and post-catalyzed lacquers, conversion varnishes, nitrocellulose lacquers and CAB modified lacquers.

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:	20-25 Minutes
Stacking Dry:	12-24 hours

Packaging/Shipping

Available Units: Gallons and Pails.

Shelf Life and Storage

- Package life is (3) three years - 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 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.*