



WOOD FINISHING SYSTEMS

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Product Information (PI) Sheet

Product: Quick Dry White Vinyl Primer

Code(s) : W12419

Description: A fast dry, easy sanding primer. Quick Dry White Vinyl Primer is specially formulated for use as a first coat under all M.L. Campbell pigmented solvent-based pre-catalyzed and post-catalyzed lacquers, conversion varnishes, nitrocellulose lacquers and CAB modified lacquers. It exhibits very good adhesion on wood, MDF, particleboard and other hard boards. Quick Dry White Vinyl Primer provides good moisture resistance and stain blocking. Sands very well to produce an excellent base coat with outstanding holdout of topcoats.

Uses: Kitchen Cabinets, Store Fixtures, interior paneling and trim, furniture and or any application where a fast dry primer with good moisture resistance and product handling characteristics is required.

Other Products: Use W11219 White Vinyl Primer if a non-yellowing white vinyl primer is required.

Physical Properties (packaged)
Weight per Gallon: 9.10 ± 0.3 lbs
Viscosity - Ford #4 at 77°F/25°C: 20 ± 5 seconds
% Solids - by Weight: 41.50 ± 2
% Solids - by Volume: 22.50 ± 2
Theoretical Coverage at 1 Mil Dry: 361 ± 25 sq. ft. per gallon
Flash Point (PMCC): 20 °F
Packaged VOC: 594 g/l (4.96 lbs/gal.)

Surface Preparation
New Work: Remove any dirt, grease or other contaminants and sand wood as required.
Old Work: Strip old finishes completely and remove all contaminants from the surface. Finish as new work.

Tinting
Quick Dry White Vinyl Primer can be tinted using up to 4 ounces of MLC IC Colorants. Do not tint with glycol based colorants. Use W11219 White Vinyl Primer if a non-yellowing White Vinyl primer is required.

Reduction
No reduction is required; however, small amounts of C16036 Standard Lacquer Thinner, VC16936 Fast Reducer VOC Exempt or VC1681 Medium Reducer VOC Exempt may be used if required for specific equipment. If blushing occurs use C161 1 Care Retarder or VC1671 Slow Retarder VOC Exempt.



Mixing

When topcoat is a catalyzed product we recommend the distributor catalyze Quick Dry White Vinyl Primer 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 White Vinyl Primer has a pot life (usable time) of 6 months under normal storage temperature. Higher temperature conditions will shorten the pot life.

Application Procedure

Apply one or two coats at 3-4 wet mils maximum. Sand with 220 to 320 grit sandpaper before applying topcoat. One or two coats of white vinyl primer can be applied under any M.L. Campbell pigmented solvent-based pre-catalyzed and post-catalyzed lacquers, conversion varnishes, nitrocellulose lacquers and CAB modified lacquers. 1-2% BC Retarder may be added to Quick Dry White Vinyl Primer when temperatures are hot and humid.

Refer to spray equipment supplier recommendations for fine 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)

Dry to Touch:	10 minutes
Sanding Dry:	30 minutes
Handle:	60 minutes

Packaging/Shipping

Available Units: Pails

Shelf Life and Storage

- 36 month shelf life
- 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.

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.*