M.L. Campbell
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Product Data Sheet

Product: **Level Primer White**

Code(s):	**W122529**			

Description: Level Primer White is a new generation of post-catalyzed amino alkyd finishing system that offers the ultimate in durability. The Level Primer White formula was specifically designed for interior wood surfaces that are exposed to moisture, heat, and household chemicals.

Other Products: For catalyst use C149 1 M.L. Campbell Care Catalyst. Stir Primer well before spraying. Level Primer White has a thixotropic viscosity and does not need to be reduced: viscosity will reduce with shear from spraying. If reduction is necessary, use M.L. Campbell Standard lacquer thinner C16036 or Care Reducer C162 1. Reducing the Primer will reduce the sag resistance of the product and its ability to build.

Physical Properties (packaged)	
Weight per Gallon:	9.06
Viscosity – brookfied, cps at 25 C	1400 – 2000 cps
% Solids - by Weight:	46.76 ± 2
% Solids - by Volume:	30.94 ± 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.)	496 ± 25 sq ft. per gallon
Flash Point (PMCC):	55
Color:	White
Packaged VOC:	577 g/l
VOC as applied (catalyzed 10%)	591g/l
Photochemically Reactive:	No

Surface Preparation	
New Work:	Remove any dirt, grease or other contamination and sand as required. If desired, apply WoodSong II stain as directed by the specific M.L. Campbell Product Information (PI) Sheet, prior to finishing.
Old Work:	Strip old finishes completely and remove all contaminants from the surface. Make sure surface is dry. Finish as new work.

Mixing

Level Primer White has been developed to start its cross-linking (drying) with the addition of 12.8 ounces of C149 1 Care Catalyst per gallon (10:1 ratio). Always mix in the catalyst thoroughly before application. No waiting period (sweating in time) is necessary before using this product. Once catalyzed use within 12 hours.

Reduction

If blushing occurs, use M.L. Campbell's C162 Flow Enhancer 1, or C161 1 Care Retarder.

Application Procedure

Level Primer White was designed so that you can build the dry mils past the normal 5 mils maximum recommendation. So, if you want to have a full fill or thick build look and you do not want to go to polyurethane, Level Primer White is for you. For a full fill look, sand back each coat more aggressively. For a thick build look, just sand with a light scuff between coats. Level Primer White gives you good sag resistance and can be sprayed from 4-10 mils wet on a vertical surface. It can also be built up to 10 mils dry by allowing each coat to dry thoroughly, lightly scuff sanding between coats.

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.

Drying Times (at 77°F or 25°C)

Dry to Touch:	30 mins
Sanding Dry:	30-60 mins
Stacking Dry:	5-8 hours

Packaging/Shipping

Available Units:	Gallons and Pails.

Shelf Life and Storage

- Shelf life is 3 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.

DOT Classification

Flammable liquid	red Label	UN1263		

B/L Description

Paint	UN263	3, PG II		

Caution

- **FOR INDUSTRIAL SHOP APPLICATION 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.*