



**WOOD FINISHING SYSTEMS**

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## Product Information (PI) Sheet

**Product:** Envirolock Formaldehyde Free White Primer

<b>Code(s):</b>	<b>W133329</b>			
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**Description:** Envirolock Formaldehyde Free White Primer was developed using our breakthrough solvent borne Clear Cure Technology. This exceptional technology platform provides an acid cure formaldehyde free amino alkyd post cat primer that is both low odor and HAPs free; creating a safer work environment and improving indoor air quality once a project is installed. Envirolock Formaldehyde Free White Primer is a GREENGUARD certified, fast dry, easy sanding post-catalyzed primer specially formulated for use as the first coat under EnviroVar Formaldehyde Free Post Catalyzed White/Opaque. Envirolock Formaldehyde Free White Primer exhibits very good adhesion on wood, particleboard and hard boards and has good holdout over porous surfaces such as soft wood and untempered hard board. Envirolock Formaldehyde Free White Primer sands very well to produce an excellent base coat with outstanding holdout of topcoats making it ideal for filling the open pores on MDF board.

**Uses:** Envirolock Formaldehyde Free White Primer can be used on wood or MDF board, store fixtures, cabinetwork, interior paneling and trim, furniture or any application where a fast dry primer with excellent product handling characteristics is required. Amazing Glaze may be applied over Envirolock Formaldehyde Free White Primer. Formulated for job shop application.

**Other Products:** EnviroVar Formaldehyde Free Post Catalyzed White/Opaque Finishes, M.L. Campbell Lacquer Thinner (C160 36) or M.L. Campbell Reducer (C162 1).

Physical Properties (packaged)	
<b>Weight per Gallon:</b>	9.69 ± 0.2 lbs.
<b>Viscosity – Ford 4 at 77°F/25°C:</b>	35 to 45 “
<b>% Solids - by Weight:</b>	50 +/- 3
<b>% Solids - by Volume:</b>	31.40 ± 3
<b>Theoretical Coverage at 1 Mil Dry:</b> (Coverage figures DO NOT INCLUDE spray loss. Also allow for surface irregularities and porosity of wood surface to be finished.)	504 sq. ft. per gallon
<b>Flash Point (PMCC):</b>	55°F
<b>Color:</b>	White
<b>Sheen (60° Glossmeter):</b>	N/A
<b>Packaged VOC:</b>	580 g/l (4.85 lbs./gallon) *V.O.C shown is as packaged.
<b>Photochemically Reactive:</b>	No

Surface Preparation	
<b>New Work:</b>	Remove any dirt, grease or other contamination and sand as required, prior to finishing.
<b>Old Work:</b>	Strip old finishes completely and remove all contaminants from the surface. Make sure surface is dry. Finish as new work.

### Reduction/Catalyzing/Potlife

No Reduction is required. When used with conventional air spray, HVLP, air assisted airless spray, or airless spray, Envirolock Formaldehyde Free White Primer may be reduced with M.L. Campbell Lacquer Thinner C16036, or Care Reducer C1621 if needed. The amount of reduction necessary is dependent on the type of equipment being used. Always catalyze the product before reducing. Envirolock Formaldehyde Free White Primer must be catalyzed 5% with C1052 catalyst. Mix immediately after catalyzing. Potlife life is 10-12 hours after catalyzing.

### Mixing

Mix well before using. Material may separate during long-term storage.

### Tinting

Envirolock Formaldehyde Free White Primer can be tinted using up to 6 ounces of a lacquer compatible tinting colorant. DO NOT tint with glycol containing colorants. Envirolock is a controlled tint base.

### Application Procedure

Catalyzed type coatings develop very durable finishes but require controlled procedures. Do not apply material in too heavy a film (4 to 5 mils wet are recommended). Too much coating weight can cause recoating and durability problems. A thorough sanding between coats is always recommended. An excellent, very durable base coat can be developed by applying just one coat (apply no more than two coats) on wood and two coats on MDF board.

Recommended total finish system dry mil thickness after sanding, should not exceed 4-6 dry mils. Always agitate thoroughly during application. Envirolock Formaldehyde Free White Primer has excellent sanding characteristics. When sanding between coats, use Fre-Cut (no-fill) type sand paper.

**Refer to spray equipment suppliers, recommendations for fine lacquer atomizing spray guns, air caps, and fluid needles.** Envirolock may require larger tip than a typical lacquer.

**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)

<b>Dry to Touch:</b>	15-20 minutes
<b>Recoat:</b>	40-50 minutes
<b>Handle:</b>	60 minutes

### Packaging/Shipping

**Available Units:** Gallons and Pails.

### Shelf Life and Storage

- Shelf life is 2 years - Store in cool, dry areas 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.*