



WOOD FINISHING SYSTEMS

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Product Information (PI) Sheet

Product: EnviroClaw Formaldehyde Free Pre-Cat White Primer

Code(s):	W133049			
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Description: EnviroClaw Formaldehyde Free Pre-Cat White Primer was developed using our breakthrough solvent borne Clean Cure Technology. This exceptional technology platform provides a HAPs free, Formaldehyde Free, 550 VOC compliant, fast dry, easy sanding pre-catalyzed primer and helps create a safer work environment and improving indoor air quality once a project is installed. EnviroClaw Formaldehyde Free Pre-Cat White Primer is GREENGUARD certified and was specially formulated for use as the first coat under EnviroMax Formaldehyde Free Pre-catalyzed White/Opaque Lacquer. It exhibits very good adhesion on wood, particleboard and hard boards. EnviroClaw Formaldehyde Free Pre-Cat White Primer, has outstanding holdout over porous surfaces such as soft wood and untempered hard board, it sands very well to produce an excellent base coat, and was specially developed for filling the open pores on MDF board.

Uses: EnviroClaw Formaldehyde Free Pre-Cat 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 EnviroClaw if you allow EnviroClaw to dry at least 12 hours. Formulated for job shop application.

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

Physical Properties (packaged)	
Weight per Gallon:	10.00 ± 0.2 lbs.
Viscosity - cps at 77°F/25°C:	1300 ± 100 centipoises
% Solids - by Weight:	54.60 ± 2.5
% Solids - by Volume:	35.30 ± 2.5
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.)	565 sq. ft. per gallon
Flash Point (PMCC):	30°F
Color:	White
Sheen (60° Glossmeter):	N/A
Packaged VOC:	541 g/l (4.50 lbs./gallon) *V.O.C shown is as packaged. If material is reduced, V.O.C. may be higher depending on reducer used.
Photochemically Reactive:	No

Surface Preparation	
New Work:	Remove any dirt, grease or other contamination and sand as required, 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.

Reduction

When used with conventional air spray, HVLP, air assisted airless spray, or airless spray, EnviroClaw Formaldehyde Free Pre-Cat White Primer should be reduced 10-20% with M.L. Campbell Lacquer Thinner C16036, or Care Reducer C1621. The amount of reduction necessary is dependent on the type of equipment being used.

Mixing

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

Tinting

EnviroClaw Formaldehyde Free Pre-Catalyzed White Primer can be tinted using up to 6 ounces of MLC IC Colorant. DO NOT tint with glycol containing colorants. EnviroClaw is not 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. EnviroClaw Formaldehyde Free Pre-Cat 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. EnviroClaw 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)

Dry to Touch:	10-15 minutes
Recoat:	30-35 minutes
Handle:	60 minutes

Packaging/Shipping

Available Units:	Gallons and Pails.
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Shelf Life and Storage

- Shelf life is 1 year - 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.*