

Product Information (PI) Sheet

Product: EnviroSand Formaldehyde Free Pre-Cat Sealer

Code(s):	C130919			
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Description: EnviroSand was developed using M.L. Campbell's solvent borne breakthrough Clean Cure™ Technology. This exceptional technology platform provides an acid cure formaldehyde free amino-alkyd pre-catalyzed sealer that is both low odor and HAPs free helping to create a safer work environment. This sealer applies and sands easily and provides a smooth surface for EnviroMax Formaldehyde Free Pre-Cat topcoats. EnviroSand Sealer and EnviroMax Pre-Cat topcoats were specifically formulated to eliminate formaldehyde off gassing concerns from acid cure coatings on commercial and residential projects and is GREENGUARD Indoor Air Quality Certified.

Uses: EnviroSand formulas were specifically designed to use with EnviroMax and provides ease of use on interior wood furniture, millwork, kitchen and bathroom cabinets exposed to moisture, heat, and household chemicals.

Other Products: See M.L. Campbell WoodSong II Wiping Stains, Microton Spray Stains and EnviroMax Formaldehyde Free Pre-Cat. For a non-yellowing finish over whites, pigmented colors or pastel stains use MagnaKlear Pre-Cat Clear.

Physical Properties (packaged)	
Weight per Gallon:	7.80 ± 0.2
Viscosity - Ford #4 at 77°F/25°C:	15-25 Seconds
% Solids - by Weight:	27.0 ± 2
% Solids - by Volume:	20.0 ± 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.)	320 ± 25 sq. ft. per gallon
Flash Point (PMCC):	38°F
Color:	2-4 GH
Sheen (60° Glossmeter):	NA
Packaged VOC:	5.68 lb/gal (680 g/l) less exempt solvents
Photochemically Reactive:	No
HAPS:	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.

Reduction

No reduction is required; however, small amounts of M.L. Campbell Care Reducer C162 1 or Standard Lacquer Thinner C16036. If blushing occurs use M.L. Campbell C161 1 Care Retarder.

Mixing

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

Application Procedure

Always agitate thoroughly before application. Apply one coat at 3-6 wet mils on sanded substrate. An excellent, very durable sealer coat can be obtained by applying just one coat of EnviroSand Sealer (apply no more than two coats). Sand between coats using 280-320, fre-cut (no fill) type sand paper. Always thoroughly agitate during application. Sand just prior to topcoating.

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 setting should never be over 110°F or 43°C.

Equipment Clean Up

- Use Standard Lacquer Thinner C16036 or VC16036 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:	20-25 minutes
Sanding Dry:	40-45 minutes
Stacking Dry:	8 Hours

Packaging/Shipping

Available Units:	Gallons and Pails.
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Shelf Life and Storage

- Shelf life – 12 months
- 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 useable condition.

DOT Classification

Flammable Liquid	Red Label	UN1263		
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B/L Description

Paint	UN1263			
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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.*