



ULTRALAQ[®]

WHITE VINYL PRECATALYZED UNDERCOATER 1C.800

Features

- Excellent Penetration
- High Hiding
- Sands Easily
- Ready To Spray Viscosity
- Resists Cold Checking

General Description

Lenmar[®] UltraLaq[®] 1C.800 White Vinyl Precatalyzed Undercoater is designed to serve as a comprehensive undercoater for use on cabinets and all fine wood finishing. The high solid content offers excellent adhesion and sands easily to provide an ideal foundation for the UltraLaq[®] 1M.80X Series white precatalyzed topcoats. Additional benefits include ready-to-spray viscosity, fast drying properties, and chemical and moisture resistance. 1C.800 UltraLaq[®] white precatalyzed undercoater is recommended over solid wood and MDF, and for use with all Lenmar[®] Precatalyzed and Conversion Varnish finishes. If applied properly in conjunction with precatalyzed or catalyzed topcoats, the ensuing system passes the KCMA standards.

Recommended For

Kitchen Cabinets, Bathroom Vanities, Window & Door Trim, Furniture, Displays

Limitations

- Entire system should not exceed 5 mils dry.

Product Information

<p>Colors — Standard: White</p>	<p>Technical Data White</p> <table border="1"> <tr> <td>Vehicle Type</td> <td colspan="2">Nitrocellulose/vinyl/alkyd/urea</td> </tr> <tr> <td>Pigment Type</td> <td colspan="2">N/A</td> </tr> <tr> <td>Weight Solids</td> <td colspan="2">45% ± 1.0%</td> </tr> <tr> <td>Volume Solids</td> <td colspan="2">26.5% ± 1.0%</td> </tr> <tr> <td>Coverage per Gallon at 1 mil DFT</td> <td colspan="2">385 – 400 sq. ft.</td> </tr> <tr> <td rowspan="2">Recommended Film Thickness</td> <td>– Wet</td> <td>3 – 5 mils</td> </tr> <tr> <td>– Dry</td> <td>0.7 – 1.2 mils</td> </tr> </table> <p>Coverage calculation does not include spray loss or equipment inefficiency. Also allow for wood species, surface preparation, surface defects and porosity of substrate to affect spread rates.</p> <table border="1"> <tr> <td rowspan="2">Dry Time @ 75 °F (23.8 °C) @ 50% RH</td> <td>– To Sand</td> <td>20 – 30 Minutes</td> </tr> <tr> <td>– To Recoat</td> <td>30 Minutes</td> </tr> </table> <p>High humidity and cool temperatures will result in longer dry and recoat times.</p> <table border="1"> <tr> <td>Dries By</td> <td>Evaporation</td> </tr> <tr> <td>Viscosity</td> <td>17 – 27 Seconds (#2 Sig. Zahn)</td> </tr> <tr> <td>Flash Point</td> <td>24 °F (-4.4 °C)</td> </tr> <tr> <td>Gloss / Sheen</td> <td>N/A</td> </tr> <tr> <td rowspan="2">Surface Temperature at Application</td> <td>– Min.</td> <td>68 °F</td> </tr> <tr> <td>– Max.</td> <td>90 °F</td> </tr> <tr> <td>Thin With</td> <td>1A.406 or 1A.519</td> </tr> <tr> <td>Clean Up Thinner</td> <td>1A.406 or 1A.519 Lacquer Thinner</td> </tr> <tr> <td>Weight Per Gallon</td> <td>9.1 - 9.3 lbs.</td> </tr> <tr> <td rowspan="2">Storage Temperature</td> <td>– Min.</td> <td>50 °F</td> </tr> <tr> <td>– Max.</td> <td>90 °F</td> </tr> </table>	Vehicle Type	Nitrocellulose/vinyl/alkyd/urea		Pigment Type	N/A		Weight Solids	45% ± 1.0%		Volume Solids	26.5% ± 1.0%		Coverage per Gallon at 1 mil DFT	385 – 400 sq. ft.		Recommended Film Thickness	– Wet	3 – 5 mils	– Dry	0.7 – 1.2 mils	Dry Time @ 75 °F (23.8 °C) @ 50% RH	– To Sand	20 – 30 Minutes	– To Recoat	30 Minutes	Dries By	Evaporation	Viscosity	17 – 27 Seconds (#2 Sig. Zahn)	Flash Point	24 °F (-4.4 °C)	Gloss / Sheen	N/A	Surface Temperature at Application	– Min.	68 °F	– Max.	90 °F	Thin With	1A.406 or 1A.519	Clean Up Thinner	1A.406 or 1A.519 Lacquer Thinner	Weight Per Gallon	9.1 - 9.3 lbs.	Storage Temperature	– Min.	50 °F	– Max.	90 °F
Vehicle Type	Nitrocellulose/vinyl/alkyd/urea																																																	
Pigment Type	N/A																																																	
Weight Solids	45% ± 1.0%																																																	
Volume Solids	26.5% ± 1.0%																																																	
Coverage per Gallon at 1 mil DFT	385 – 400 sq. ft.																																																	
Recommended Film Thickness	– Wet	3 – 5 mils																																																
	– Dry	0.7 – 1.2 mils																																																
Dry Time @ 75 °F (23.8 °C) @ 50% RH	– To Sand	20 – 30 Minutes																																																
	– To Recoat	30 Minutes																																																
Dries By	Evaporation																																																	
Viscosity	17 – 27 Seconds (#2 Sig. Zahn)																																																	
Flash Point	24 °F (-4.4 °C)																																																	
Gloss / Sheen	N/A																																																	
Surface Temperature at Application	– Min.	68 °F																																																
	– Max.	90 °F																																																
Thin With	1A.406 or 1A.519																																																	
Clean Up Thinner	1A.406 or 1A.519 Lacquer Thinner																																																	
Weight Per Gallon	9.1 - 9.3 lbs.																																																	
Storage Temperature	– Min.	50 °F																																																
	– Max.	90 °F																																																
<p>— Tint Bases: 1C.800 may be tinted with up to 6 oz. per gallon of Industrial Colorants. The use of excessive colorants can weaken the dry film performance. Do not tint with universal colorants.</p>	<p>Volatile Organic Compounds (VOC)</p> <p>544 Grams/Liter 5.18 Lbs./Gallon</p>																																																	
<p>— Special Colors: N/A</p>																																																		
<p>Certifications & Qualifications:</p> <p>The products supported by this data sheet contain a maximum of 550 grams per liter VOC /VOS (4.59 lbs/gal.) excluding water & exempt solvents.</p> <table border="1"> <thead> <tr> <th>VOC REGION</th> <th>COMPLIANT</th> </tr> </thead> <tbody> <tr> <td>FEDERAL</td> <td>YES</td> </tr> <tr> <td>OTC</td> <td>YES</td> </tr> <tr> <td>OTCII</td> <td>NO</td> </tr> <tr> <td>CARB</td> <td>YES</td> </tr> <tr> <td>CARB07</td> <td>NO</td> </tr> <tr> <td>UTAH</td> <td>NO</td> </tr> <tr> <td>AZMC</td> <td>YES</td> </tr> <tr> <td>SCAQMD</td> <td>NO</td> </tr> </tbody> </table>	VOC REGION	COMPLIANT	FEDERAL	YES	OTC	YES	OTCII	NO	CARB	YES	CARB07	NO	UTAH	NO	AZMC	YES	SCAQMD	NO																																
VOC REGION	COMPLIANT																																																	
FEDERAL	YES																																																	
OTC	YES																																																	
OTCII	NO																																																	
CARB	YES																																																	
CARB07	NO																																																	
UTAH	NO																																																	
AZMC	YES																																																	
SCAQMD	NO																																																	
<p>Technical Assistance: Available through your local authorized independent Lenmar dealer. For the location of the dealer nearest you, call 1-866-708-9180 or visit www.lenmar-coatings.com</p>																																																		

UltraLaq® White Vinyl Precatalyzed Undercoater 1C.800

WARNING! If you scrape, sand, or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

Application

ENTIRE SYSTEM SHOULD NOT EXCEED MORE THAN 5 MILS DRY. LENMAR® PRODUCTS ARE DESIGNED FOR INTERIOR USE, BY SPRAY APPLICATION ONLY.

Over properly prepared interior wood surfaces, apply one full coat of 1C.800 White Precatalyzed Undercoater, allow to dry, then sand. Select the desired sheen from the 1M.80X Series topcoats, **shake well** and apply by spray only in an even wet coat. Allow to dry 30 minutes then scuff sand and apply a final topcoat. Total system should be three coats, one undercoat and two topcoats.

ENTIRE SYSTEM SHOULD NOT EXCEED 5 MILS DRY.

Specifications

Moisture content of wood should be no higher than 9%. Wood must be free of surface contaminants. Sand wood with no finer than 150-grit sandpaper and remove all dust. Mix all products thoroughly and apply finish by spray only. Check with equipment manufacturer for proper settings to achieve proper atomization. Apply one coat of UltraLaq® 1C.800 White Precatalyzed Undercoater. Allow to dry, then sand with 280-320 grit, non-stearated, silicon carbide sandpaper. (Two coats may be necessary on MDF; be sure to sand aggressively if two coats are applied). Sand immediately prior to application of topcoats. Select topcoat from the UltraLaq® 1M.80X series (or any other precatalyzed or post-catalyzed Lenmar® system.) Apply two coats, allow to dry fully, then scuff sand between each. Read label and MSDS for additional information and directions.

Clean Up

Clean up with 1A.406 or 1A.519 Lacquer Thinner.

Environmental Health & Safety Information

DANGER!

Causes serious eye irritation

May cause cancer

Suspected of damaging fertility or the unborn child

May cause drowsiness or dizziness

May cause damage to organs through prolonged or repeated exposure

Highly flammable liquid and vapor

Prevention: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wash face, hands and any exposed skin thoroughly after handling. Wear eye/face protection. Do not breathe dust/fume/gas/mist/vapors/spray. Use only outdoors or in a well-ventilated area. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep container tightly closed. Ground/ bond container and receiving equipment. Use explosion-proof electrical/ventilating/ lighting/ equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Keep cool.

Response: IF exposed or concerned: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. In case of fire: Use CO2, dry chemical, or foam for extinction.

Storage: Store locked up. Store in a well-ventilated place. Keep container tightly closed.

Disposal: Dispose of contents /container to an approved waste disposal plant.



WARNING Cancer and Reproductive Harm—
www.P65warnings.ca.gov

This document represents hazards of the product referenced above. Refer to the individual Safety Data Sheet for hazards of the specific product you will be using.

FOR WOOD SUBSTRATES ONLY KEEP OUT OF REACH OF CHILDREN

This product is intended for Shop or OEM applications. This product may also be compliant under Architectural and Industrial Maintenance regulations in some jurisdictions for field application to stationary structures. Check local regulations.

READ ALL DIRECTIONS BEFORE USE.
UNDERSTAND **ALL** DANGERS WITH THIS
PRODUCT PRIOR TO USE.

**Refer to Safety Data Sheet for additional
health and safety information.**