



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

Colours — Standard:	Technical Data	White
White	Vehicle Type	Nitrocellulose/vinyl/alkyd/urea
	Pigment Type	N/A
	Weight Solids	42% ± 1.0%
	Volume Solids	24% ± 1.0%
	Coverage per 3.79 L at 1 mil DFT	35.8 – 37.2 sq. m. (385 – 400 sq. ft.)
	Recommended Film Thickness	– Wet 3 – 5 mils – Dry 0.7 – 1.2 mils
— Tint Bases:	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.	
1C.800 may be tinted with up to 177 ml per 3.79 L of 144/844 type Industrial Colorants. The use of excessive colorants can weaken the dry film performance. Do not tint with colorants that contain glycol.	Dry Time @ 23.8 °C (75 °F) @ 50% RH	– To Sand 20 – 30 Minutes – To Recoat 30 Minutes
— Special Colours:	High humidity and cool temperatures will result in longer dry and recoat times.	
N/A	Dries By	Evaporation
	Viscosity	17 – 27 Seconds (#2 Sig. Zahn)
	Flash Point	–4.4 °C (24 °F)
	Gloss / Sheen	N/A
	Surface Temperature at Application	– Min. 20 °C (68 °F) – Max. 32.2 °C (90 °F)
Certifications & Qualifications: OEM/SHOP USE ONLY	Thin With	Do Not Thin
The products supported by this data sheet contain a maximum of 550 grams per litre VOC /VOS excluding water & exempt solvents.	Clean Up Thinner	1A.406 or 1A.519 Lacquer Thinner
	Weight Per 3.79 L	9.0 – 9.1 lbs.
	Storage Temperature	– Min. 10 °C (50 °F) – Max. 32.2 °C (90 °F)
	Volatile Organic Compounds (VOC)	
	544 Grams/Litre	
Technical Assistance:	Available through your local authorized independent dealer. For the location of the dealer nearest you, call 1-866-708-9180, or visit www.lenmar-coatings.ca	

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 logging onto Health Canada @ <https://www.canada.ca/en/health-canada/services/environmental-workplace-health/environmental-contaminants/lead/lead-information-package-some-commonly-asked-questions-about-lead-human-health.html>

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-steared, 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 SDS for additional information and directions.

Clean Up

Clean 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

Reactive flammable material

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.

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.

KEEP OUT OF REACH OF CHILDREN

This product is intended for Shop or OEM application only

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.