



# ULTRA UNILAQ<sup>®</sup>

## CAB ACRYLIC CLEAR TOPCOAT

### 1M-97X

#### Features

- Non-Yellowing
- Resists Moisture
- Ready to Spray
- Self Sealing

#### General Description

The Ultra UniLaq<sup>®</sup> 1M-97X Series products are unique Cellulose Acetate Butyrate (CAB) acrylic lacquers designed for woodworkers who demand ultimate clarity found only in a true non-yellowing solventborne lacquer. 1M-97X Series products are unlike traditional nitrocellulose lacquers in performance; they offer resistance to moisture, exceptional solids content and ready-to-spray viscosity. These fast drying acetate butyrate lacquers provide a durable finish that will resist cold checking and remain crystal clear over time. This product is ideal over pickle white stains, natural finishes or white systems.

#### Recommended For

Pickle White Stain, Clear/White Kitchen Cabinets, Clear/White Bathroom Vanities, Clear/White Displays, Clear/White Fixtures, Natural/Light Stain Finishes.

#### Limitations

- Entire system not to exceed 4 mils dry.
- Not for use on floors.

#### Product Information

##### Colors — Standard:

1M-972 Dull Rubbed (15 – 25 @ 60°)  
 1M-974 Satin (35 – 45 @ 60°)  
 1M-976 Semi-Gloss (55 – 65 @ 60°)  
 1M-979 Gloss (90+ @ 60°)

##### — Tint Bases:

N/A

##### — Special Colors:

N/A

##### Certification & Qualifications:

The products supported by this data sheet contain a maximum of 680 grams per liter VOC (5.7 lbs./gal.) excluding water & exempt solvents.

\*Thinning this material may result in increasing the VOC levels of this product. Refer to your local regulations before thinning.

VOC REGION	COMPLIANT
FEDERAL	YES
OTC	NO
OTCII	NO
CARB	NO
CARB07	NO
UTAH	NO
AZMC	YES
SCAQMD	NO

##### Technical Assistance:

Available through your local authorized independent Lenmar dealer. For the location of the dealer nearest you, call 1-877-299-3600 or visit [www.lenmar-coatings.com](http://www.lenmar-coatings.com)

##### Technical Data<sup>◇</sup>

##### Clear/Gloss

Vehicle Type	Cellulose Acetate Butyrate (CAB)	
Pigment Type	N/A	
Weight Solids	24% ± 1.0%	
Volume Solids	19% ± 1.0%	
Coverage per Gallon at 1 mil DFT	305 – 325 sq. ft.	
Recommended Film Thickness	– Wet	3 – 5 mils
	– Dry	0.6 – 1 mils
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.		
Dry Time @ 75 °F (23.8 °C) @ 50% RH	– Dust Free	10 Minutes
	– To Sand	20 – 30 Minutes
	– To Recoat	30 Minutes
High humidity and cool temperatures will result in longer dry and recoat times.		
Dries By	Evaporation	
Viscosity	24 – 28 Seconds (#2 Zahn)	
Flash Point	35 °F (1.8 °C)	
Gloss / Sheen	Refer to Colors/Standard	
Surface Temperature at Application	– Min.	68 °F
	– Max.	90 °F
Thin With	Acetone or 1A-406 Thinner	
Clean Up Thinner	Acetone / 1A-519 Thinner	
Weight Per Gallon	7.4 – 7.6 lbs.	
Storage Temperature	– Min.	50 °F
	– Max.	90 °F

##### Volatile Organic Compounds (VOC)

672 Grams/Liter    5.6 Lbs./Gallon

May, 2022

<sup>◇</sup> Reported values are for White/Gloss. Contact your dealer/distributor for values of other bases or colors

## Ultra UniLac® CAB Acrylic Clear Topcoat 1M-97X

**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 Informational Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

### Application

**ENTIRE SYSTEM SHOULD NOT EXCEED MORE THAN 4 MILS DRY. LENMAR PRODUCTS ARE DESIGNED FOR INTERIOR USE, BY SPRAY APPLICATION ONLY.**

The Lenmar® Ultra UniLac® 1M-97X Series product should be used with the Ultra UniLac® 1C-475 CAB Acrylic Sanding Sealer. Follow with two coats of the selected sheen from the 1M-97X Series. Sand between each coat and apply no more than 3-5 mils wet per coat.

**ENTIRE SYSTEM NOT TO EXCEED MORE THAN 4 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 Ultra UniLac® 1C-475, CAB Acrylic Sanding Sealer as a first coat, let dry and sand with 280-320 grit, silicon carbide sandpaper. Follow with two additional wet coats (3-5 mils) of Ultra UniLac® 1M-97X series topcoat in the desired sheen. Scuff sand with 280-320 grit sandpaper between all coats. Reduce only with Acetone or 1A-406 thinner, or 1A-114 retarder, sparingly only as needed for specific application conditions or to obtain good atomization. **Do not reduce if doing so would violate any VOC regulations.** Not designed for use with QuickStain glazes. Read label and SDS for additional information and directions.

### Clean up

Clean up with Acetone or 1A-519 Lacquer Thinner.

### Environmental Health & Safety Information

**DANGER!**

**Causes serious eye irritation**

**May cause genetic defects**

**May cause cancer**

**May damage fertility or the unborn child**

**May cause drowsiness or dizziness**

**Highly flammable liquid and vapor**

**Prevention:** Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash face, hands and any exposed skin thoroughly after handling. Avoid breathing dust/ fume/ mist/ vapors/ spray. Use only outdoors or in a well-ventilated area. Keep away from heat/sparks/open flames/hot surfaces, 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. Wear protective gloves/ protective clothing /eye protection/face protection. Keep cool.

**Response:** If exposed or concerned: Get medical 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 attention. If on skin (or hair), take off immediately all contaminated clothing, rinse skin with water. If inhaled, remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. In case of fire, use CO<sub>2</sub>, dry chemical, or foam for extinction.

80.08 % of the mixture consists of ingredient(s) of unknown toxicity

**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](http://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.

**KEEP OUT OF REACH OF CHILDREN  
INTENDED FOR PROFESSIONAL USE ONLY**

**FOR WOOD SUBSTRATES ONLY  
FOR INTERIOR USE ONLY**

**NOT FOR USE ON FLOORS**

**This product may be compliant under  
Architectural and Industrial Maintenance  
regulations in some jurisdictions when field  
applied to stationary structures. This  
product may also be Shop or OEM applied.  
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.**