



MEGAVAR[®]

275 VOC WATER WHITE
CONVERSION VARNISH
1M.250X (1A.622B CATALYST)

Features

- Water White Formulation
- 8 – 12 Hour Pot Life
- Resists Chemicals
- Ready To Spray Viscosity
- Self-Sealing
- Resists Moisture

Recommended For

Bar Tops, Office Furniture, Displays & Fixtures, Kitchen Cabinets, Bathroom Vanities, Commercial Cabinets, and floors.

General Description

Lenmar[®] MegaVar[®] 275 VOC Water White Conversion Varnish is formulated using low formaldehyde reactant resins and the newest of additives. These are designed for the professional woodworker who demands maximum performance and clarity in a finish. Once catalyzed, these fast drying, non-yellowing, varnishes offer protection against moisture and household chemicals. The formula builds to a beautiful and exceptionally durable film that will fully cure within 2 - 3 days after the final coat. These varnishes require the addition of 3 ounces of 1A.622B, Catalyst (2.5%) per gallon. Only catalyze enough varnish that will be applied in an 8 – 12 hour period. These varnishes are recommended as self-sealing finishes over properly prepared interior wood surfaces.

Limitations

- Entire system not to exceed 5 mils dry.

Product Information

Colors — Standard:

Gloss / Sheen Levels

1M.2501 Flat:	7-13	@ 60°
1M.2502 Dull-Rubbed:	15-20	@ 60°
1M.2504 Satin:	35-40	@ 60°
1M.2506 Semi-Gloss:	57-63	@ 60°
1M.2509 Gloss:	85+	@ 60°

— Tint Bases:

May be tinted with 144/844 type Industrial Colorants up to 4 oz. per gallon.

— Special Colors:

N/A

Certifications & Qualifications:

VOC compliant in all regulated areas

The products supported by this data sheet contain a maximum of 275 grams per liter VOC /VOS excluding water & exempt solvents.

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

Technical Data

Clear/Gloss

Generic Type	Conversion Varnish	
Pigment Type	N/A	
Weight Solids (mixed as recommended)	36% ± 1.0%	
Volume Solids (mixed as recommended)	30% ± 1.0%	
Coverage per Gallon at 1 mil DFT	480 – 500 Sq. Ft.	
Recommended Film Thickness	– Wet	3 – 5 mils
	– Dry	1 – 1.5 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 @ 77 °F	– To Sand	30 – 40 Minutes
@ 50% RH	– To Recoat	45 – 60 Minutes
Maximum abrasion and chemical resistance are achieved at full cure; care should be taken to prevent damage to the coating during the curing process. High humidity and cool temperatures will result in longer dry, recoat and cure times.		
Dries By	Chemical Reaction	
Viscosity @ 77 °F (mixed as recommended)	20 – 25 Sec (#2 EZ Zahn)	
Flash Point	58 °F (14.4 °C)	
Gloss/Sheen	See Colors / Standards Section	
Surface Temperature at application	– Min.	68 °F
	– Max.	90 °F
Surface must be dry and at least 5° above the dew point		
Thin With	1A.101 Acetone	
Clean Up Thinner	1A.101 Acetone	
Mixed Ratio (by volume)	3 ounces per gallon	
Pot Life @ 77 °F	8 – 12 Hours	
Weight Per Gallon (mixed as recommended)	7.9 – 8.5 lbs.	
Storage Temperature	– Min.	50 °F
	– Max.	90 °F

Volatile Organic Compounds (VOC)

275 Grams / Liter*
* Gloss Catalyzed

◇ Reported values are for Clear/Gloss. Contact your dealer/distributor for values of other bases or colors

MegaVar® 275 VOC Water White Conversion Varnish 1M.250X

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.

Application

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

Lenmar® MegaVar® 275 VOC Water White Conversion Varnish is ideally used as a self-sealing finish over properly prepared interior wood surfaces. If self-sealing, apply three coats only of Lenmar® MegaVar® 275 VOC Water White Conversion Varnish, scuff sanding between coats. Before apply, shake well and add 2.5% 1A.622B, Catalyst (3 oz. per gallon). This is a two-component product and must be catalyzed.

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. Mixing thoroughly, gradually add catalyst. Apply by spray only at ambient temperatures above 68°F. Check with equipment manufacturer for settings to achieve proper atomization. If necessary, use 1A.406/1A.114 to reduce after catalyzed. Apply a first coat of varnish and let dry. Sand with 320-grit sandpaper. Follow with no more than 1 additional coat of varnish, sanding between coats. (Sanding is required to achieve proper adhesion.) Small amounts of 1A.101 Acetone may be used if applied during adverse weather conditions. Pot-life can be extended by addition of n-Butyl alcohol at 2-8 oz. per gallon. Read label and SDS for additional information.

TEST DATA RESULTS FOR COMMONLY PERFORMED KITCHEN CABINET TESTING

STAIN

Vinegar (24 hours)	No Effect
Lemon Juice (24 hours)	No Effect
Orange Juice (24 hours)	No Effect
Grape Juice (24 hours)	No Effect
100 Proof Ethanol (24 hours)	No Effect
Coffee (24 hours)	No Effect
Olive Oil (24 hours)	No Effect
Tomato Catsup (24 hours)	No Effect
Dish Detergent (0.5%) (24 hours)	No Effect
Concentrated Dish Detergent (24 hours)	No Effect
Mustard (1 hour)	No Effect

Clean up

Clean up with 1A.101 Acetone.

Environmental Health & Safety Information

DANGER!

Causes skin irritation

Causes serious eye irritation

Suspected of causing 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. Use personal protective equipment as required. Wash face, hands and any exposed skin thoroughly after handling. Wear eye/face protection. Avoid breathing 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 skin irritation occurs: Get medical advice/attention. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. Wash contaminated clothing before reuse. 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.

DANGER - Rags, steel wool or waste soaked with this product may spontaneously catch fire if improperly discarded. Immediately after use, place rags, steel wool or waste in a sealed water-filled metal container.

IMPORTANT: Designed to be mixed with other components. Mixture will have hazards of all components. Before opening packages, read all warning labels. Follow all precautions.



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.

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.