



MEGAVAR[®] PLUS

HIGH SOLIDS WATER WHITE CONVERSION VARNISH 1M-630X (1A-622 CATALYST)

Features

- Very High Solids Content
- 8 – 12 Hour Pot Life
- Ready To Spray Viscosity
- Self-Sealing
- Resists Moisture
- Resists Chemicals

General Description

Lenmar[®] 1M-630x series, MegaVar[®] Plus High Solids Catalyzed Conversion Varnish, is a completely reformulated conversion varnish, using ultra-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 superior protection against moisture and household chemicals. The high solids 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-622, Catalyst (2.3%) 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.

Recommended For

Wood Floors, Bar Tops, Office Furniture, Displays & Fixtures, Kitchen Cabinets, Bathroom Vanities, Commercial Cabinets

Limitations

- Entire system not to exceed 5 mils dry.

Product Information

Colors — Standard:

Gloss / Sheen Levels

1M-6301 Flat:	7-13	@ 60°
1M-6302 Dull-Rubbed:	15-20	@ 60°
1M-6304 Satin:	35-40	@ 60°
1M-6306 Semi-Gloss:	57-63	@ 60°
1M-6309 Gloss:	85+	@ 60°

May be tinted with 144/844 type Industrial Colorants up to 8 oz. per gallon.

— Tint Bases:

N/A

— Special Colors:

N/A

Certification & Qualifications:

The products supported by this data sheet contain a maximum of 550 grams per liter VOC (4.6 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.

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

Technical Data

Clear/Satin

Generic Type	Conversion Varnish
Pigment Type	N/A
Weight Solids (mixed as recommended)	50% ± 1.0%
Volume Solids (mixed as recommended)	42.6% ± 1.0%
Coverage per Gallon at 1 mil DFT	683 Sq. Ft
Recommended	– Wet 3 – 5 mils
Film Thickness	– Dry 1.3 – 2.1 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 @ 77 °F	– To Sand 25 – 35 Minutes
@ 50% RH	– To Recoat 30 – 45 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 Zahn)
Flash Point	58 °F (14.4 °C)
Gloss/Sheen	See Colors / Standards Section
Surface Temperature at application	– Min. 68 °F – Max. 90 °F
Thin With	1A-406 Lacquer Thinner
Clean Up Thinner	1A-406 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)	8.2 lbs
Storage Temperature	– Min. 50 °F – Max. 90 °F

Volatile Organic Compounds (VOC)
493 Grams / Liter* 4.1 LBS / Gallon*
* Satin Catalyzed

May, 2022

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

MegaVar® Plus High Solids Water White Conversion Varnish 1M-630X

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. Carefully clean up 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.

The 1M-630x series is ideally used as a two-coat, self-sealing finish over new wood. However, if a separate sealer is desired, apply one coat of 1C-380, pre-catalyzed vinyl sealer or 1C-5300, catalyzed vinyl sealer, according to label directions; let dry, scuff sand, and follow with one coat from the 1M-630x series. If self-sealing, apply two coats only of the 1M-630x series, scuff sanding between coats. For both systems, select the desired sheen from the 1M-630x series, shake well, then add 2.3% 1A-622, Catalyst (3 ounces 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 catalyzation. 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 our 1A-114 Lacquer Retarder may be used if applied during adverse weather conditions. Read label and SDS for additional information.

Clean Up

Clean up with 1A-406 or 1A-519 Lacquer Thinner / 1A-101 Acetone.

Environmental Health & Safety Information

DANGER!

Causes skin irritation

Causes serious eye damage

May cause an allergic skin reaction

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

May be fatal if swallowed and enters airways

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. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves. 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. Immediately call a POISON CENTER or doctor/physician. If skin irritation or rash 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. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting. 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.

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.

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

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