



MEGAVAR[®]

CATALYZED VINYL SEALER

1C-5300 (1A-622B CATALYST)

Features

- Exceeds KCMA Standards
- Non-Yellowing Formulation
- High Solid Content
- Ready To Spray viscosity
- Resists Cold Checking
- Sands Easily
- 8 Hour Pot Life

General Description

Lenmar[®] 1C-5300 MegaVar[®] Catalyzed Vinyl Sealer is a versatile, non-yellowing, catalyzed sanding sealer offering numerous benefits for the professional woodworker. Once catalyzed, this fast drying sealer offers an exceptional amount of solids for initial build, seals and fills most porous wood species in a single coat, and sands easily. The high solids content helps lock in and protect stained wood from being marred when scuff sanding. This sealer also offers strong resistance to cold checking and safeguards against cracking. This sealer can serve as an excellent foundation for use under any of Lenmar[®] pre-catalyzed lacquers or conversion varnishes. Lenmar[®] 1C-5300 catalyzed sanding sealer requires the addition of 4 ounces of 1A-622B Catalyst (3%) per gallon. Once dry, the sealer should be sanded with 320-grit sandpaper. Only catalyze sufficient amount of sealer that will be applied in an 8-hour period.

Recommended For

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

Limitations

- Entire system not to exceed 5 mils dry.

Product Information

Colors — Standard:

Clear

— 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

Technical Data

Technical Data		Clear
Generic Type		Alkyd/Urea
Pigment Type		N/A
Weight Solids (mixed as recommended)		35% ± 1.0%
Volume Solids (mixed as recommended)		28+/- 1.0%
Recommended Coverage per Gallon		320 - 535 sq. ft.
Recommended	– Wet	3 – 5 mils
Film Thickness	– Dry	0.8 – 1.4 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	– To Sand	20 – 30 Minutes
	– To Topcoat	30 – 35 Minutes
Dries By		Chemical Reaction
Viscosity @ 77 °F (mixed as recommended)		20 – 22 Sec (#2 Zahn)
Flash Point		50 °F (10 °C)
Gloss/Sheen		N/A
Surface Temperature at Application	– Min.	68 °F (20 °C)
	– Max.	90 °F (32.2 °C)
Surface must be dry and at least 5° above the dew point		
Thin With		1A-406 Thinner
Clean Up Thinner		1A-406 or 1A-519 Lacquer Thinner
Mixed Ratio (by volume)		4 oz. per Gallon
Pot Life @ 77 °F		8 Hours
Weight Per Gallon (mixed as recommended)		7.6 – 7.8 lbs
Storage Temperature	– Min.	50 °F (10 °C)
	– Max.	90 °F (32.2 °C)

Volatile Organic Compounds (VOC)

553 Grams / Liter* 4.62 Lbs / Gallon*

* Catalyzed

May, 2022

MegaVar® Catalyzed Vinyl Sealer 1C-5300

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.

Recommended System:

Each single gallon of 1C-5300 requires the addition of 3% 1A-622B, Catalyst (4 oz. per gallon) prior to use. Over properly prepared wood substrates, apply one full coat of 1C-5300 and let dry. Sand with 320 grit sandpaper and topcoat (x2) with desired sheen selected from the 1M-430X series conversion varnishes (Sanding is required to achieve proper adhesion.) Do not exceed more than 2 topcoats.

ENTIRE SYSTEM NOT TO EXCEED MORE THAN 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 thoroughly, gradually add 1A-622B Catalyst and apply finish by spray only. Check with equipment manufacturer for proper settings to achieve proper atomization. Sand with 320-grit, non-stearated silicon-carbide sandpaper prior to finish coats being applied. Lenmar® MegaVar® Sealer, 1C-5300, may be reduced with 1A-406 or retarded with 1A-114 if necessary for specific application conditions. **Important:** Always catalyze *BEFORE* reducing!

Read label and SDS for additional information and warnings.

Clean up

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

Environmental Health & Safety Information

DANGER!

Causes skin irritation

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

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. Wear eye/face protection. Do not breathe 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. 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 skin irritation occurs get medical attention. If on skin (or hair) take off immediately all contaminated clothing. Rinse skin with water. 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 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

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

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

**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.**