



# WATERBORNE PRE-CATALYZED LACQUER SATIN 40 SHEEN GAL

## TECHNICAL DATA SHEET

PRODUCT NUMBER	DESCRIPTION
MA640-21407	WATERBORNE PRE-CATALYZED LACQUER SATIN 40 SHEEN GAL

### PRODUCT DESCRIPTION:

Mohawk's NEW Waterborne Pre-Catalyzed Lacquer is a freeze-thaw stable formula that is water reducible, self cross-linking, low VOC technology that has excellent color retention and is suitable for cabinet, millwork, furniture and other high traffic interior wooden surfaces. It passes all KCMA performance standards and can be used as a self sealing system.

Formulated to meet production shop needs, it is an environmentally friendly alternative to comparable solvent base products. May be applied over any Mohawk stain. Allow oil type stains to dry a minimum of 1 hour for improved adhesion. Available in plastic containers, which resist rusting and improve shelf life.

### ADVANTAGES:

- Water-white product, will not change the color when applied over a color coat
- Improved flow and lay out on the surface due to having more open time
- Suitable for LEED® credits: EQ Credit 4.2 Low Emitting Materials - Paints & Coatings
- Contains no formaldehyde or isocyanate, low odor, water clean up
- Improved clarity, specifically with lower sheens

### PHYSICAL PROPERTIES AND SPECIFICATIONS

Technology	Waterborne Acrylic
Color	Appears milky; dries clear
Sheen	40 +/- 3 @ 4 Wet Mills applied
Viscosity	16-20 Seconds #3 Signature Zahn Cup
WPG	8.71 lbs/gal
Solids by Volume	32.38 ±1%
Solids by Weight	34.72 ±1%
Flash Point	200.00 °F
HMIS	H: 2, F: 1, R: 0, P: X
Coating VOC (g/l as packaged)	168.47 g/l
Coating VOC (Lb/Gal)	1.41 lbs/gal
Material VOC (g/l)	66.08 g/l
Material VOC (Lb/Gal)	0.55 lbs/gal
#VOC/#Solid	0.18 lbs/lbs solid
VHAP Ratio (#VHAP/#Solid)	0.02
Spread Rate	519.44 sq. ft./gal @ 1.0 mil DFT (no loss)
Catalyst/Ratio	None
Reducer	Ready To Spray - Use Water As Needed 5% max
Retarder	Propylene Glycol If Needed - 2-4 oz Per Gallon
AirDry	20 Minutes to Handle

Oven Dry	Customer Specific
Shelf-Life (Unopened)	12 months
Pot-Life (Catalyzed)	N/A
Recoat Instruction	Minimum 1 Hour Dry - Scuff Sand Prior To Recoat
PH	7.90 - 8.40

**DIRECTIONS:**

Stir thoroughly before using, do not shake. Seal with Mohawk Waterborne Pre-Catalyzed Sealer (M/MA640-21007) or Waterborne Wood Tone Sealer (M641-2400) if used over stain colors to add warmth and allow 30-45 minutes to dry before sanding with 320 grit sandpaper. Waterborne Pre-Catalyzed Lacquer may also be used as its own sealer. Apply Waterborne Pre-Catalyzed Lacquer in light, even coats of 3-4 wet mils. Always scuff sand previous coat with 320 grit sandpaper and remove any sanding dust from the surface before applying any additional coats. Total finishing system, including sealer and topcoats, should not exceed 4 dry mils. Waterborne sealers and finishes are high solids, quick building products. Excessive finish build can lead to a cloudy finish especially in lower sheens, cracking, cold checking and other finish failures. Waterborne Pre-Catalyzed Sealer and/or topcoat may be tinted with Waterborne Colorants not to exceed 10% addition by volume.

**NOTES:** Protect from freezing. If product has frozen and appears unusable, place product at room temperature (minimum 70 degrees F) for 48 hours then add 1% water by volume to reduce viscosity. Waterborne Pre-Catalyzed Lacquer is manufactured at spray viscosity. Small amounts of clean water may be used if further reduction is necessary. Begin with 1 ounce per gallon and add additional water if necessary. Do not exceed 5%. Strain product before use for best results. Always use a Mohawk Waterborne Sealer under lower sheens (40 or below) in order to reduce the risk of cloudy looking film that is sometimes caused by excessive build of lower sheen coatings. For results that resemble a solvent coating looking system, use Mohawk Waterborne Wood Tone Sealer (M641-2400), especially if applied over a dark stain color. Always do a sample panel to test results of mixture prior to applying on the actual work. Remove sanding dust after sanding. Stainless steel spray equipment is recommended to avoid iron contamination (discoloration). Flush equipment and fluid lines after use with warm tap water. Do not use a tack cloth to remove sanding dust. Sanding dust should be removed with a dry cloth or compressed air.

*The data on this sheet are calculated values (as formulated) and will not represent exact values for every product. For Safety and Other Precautions, read the SDS before using the product. SDS are available upon request. If Safety Data Sheet is required, contact: Mohawk Finishing Products, a Division of RPM Wood Finishes Group, Inc.; P.O. Box 22000 Hickory, NC 28603; Phone: 1-800-545-0047; Fax: 1-800-721-1545.*

*Drying times and viscosities reported are as tested under laboratory conditions (77°F (25°C)) with relative humidity of approximately 45%. Changes in temperature and humidity will affect product data.*

*It is the user's responsibility to verify product compliance with all applicable regulations or permits before proceeding with use. Always pretest any finishing products to verify suitability to the desired use before proceeding with any application. Manufacturer makes no warranties, express or implied, including (but not limited to) warranties of merchantability and fitness for particular purposes. Manufacturer will not be liable for any incidental, consequential or special damages or losses derived, directly or indirectly, from or as a consequence of purchaser's use of this product.*

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