



ENDURAGREEN W/B CONVERSION VARNISH SATIN 40 SHEEN GAL

TECHNICAL DATA SHEET

PRODUCT NUMBER	DESCRIPTION
M641-21407	ENDURAGREEN W/B CONVERSION VARNISH SATIN 40 SHEEN GAL

PRODUCT DESCRIPTION:

Mohawk's Waterborne Conversion Varnish is water reducible, Post Catalyzed, low VOC emitting technology that has excellent color retention and is suitable for cabinet, millwork, furniture and other high traffic interior wooden surfaces. Waterborne Conversion Varnish delivers ultimate durability and mar resistance with as little as two coats and can be used as a self sealing system. Waterborne Conversion Varnish is formulated to meet production shop needs and is an excellent environmentally friendly alternative to comparable solvent base post-catalyzed products. Waterborne Conversion Varnish may be applied over any Mohawk stain or opaque colors. Allow oil type stains to dry a minimum of 1 hour for improved adhesion.

PHYSICAL PROPERTIES AND SPECIFICATIONS

Technology	Waterborne Urethane/Acrylic
Color	CLEAR
Sheen	40 +/-2 @ 5 Wet Mills Applied
Viscosity	28 +/- 2 #4 Signature Zahn Cup
WPG	8.557381674 lbs/gal
Solids by Volume	27.673875306 ±1%
Solids by Weight	30.007142331 ±1%
Flash Point	200.000000000 °F
HMIS	H: 2, F: 1, R: 0, P: X
Coating VOC (g/l)	224.955583663 g/l
Coating VOC (Lb/Gal)	1.877352024 lbs/gal
Material VOC (g/l)	83.334281148 g/l
Material VOC (Lb/Gal)	0.695460761 lbs/gal
#VOC/#Solid	0.270836436 lbs/lbs solid
VHAP Ratio (#VHAP/#Solid)	0.006421214
Spread Rate	443.887213425 sq. ft./gal @ 1.0 mil DFT (no loss)
Catalyst/Ratio	M641-7014 Catalyst -6.5 oz/gallon for enhanced chemical and water resistance
Reducer	Ready To Spray - May Add Small Amount Water If Desired
Retarder	Propylene Glycol if Needed For Longer Open Time - Use 1-3 Oz Per Gallon to prevent drying on tips
AirDry	Apply 1 Coat Over 1 or 2 Coats A29C4000 Sealer. Sand Sealer With 280, then 320 or 400 Grit.
Oven Dry	20 MINUTE FLASH -25 @ 120F TO HANDLE
Shelf-Life (Unopened)	12 months
Pot-Life (Catalyzed)	24 Hours.
Recoat Instruction	AIR DRY 1.5 HOURS MINIMUM TO RECOAT, SCUFF WITH 380 OR 400 GRIT PRIOR TO RECOAT.

DIRECTIONS:

Stir thoroughly before using. Add Waterborne Conversion Varnish Catalyst (M641-701) slowly while stirring at a rate of 5% by volume. Allow to sit for 5-10 minutes before use. Apply over Mohawk Waterborne Pre-Catalyzed Sealer (M640-2400) or Waterborne Wood Tone Sealer (M641-2400) or use as a self sealing system, and allow 30-45 minutes to dry before sanding with 320 grit sandpaper. Spray Waterborne Conversion Varnish (M641-24XX) in light, even coats of 3-4 wet mils. Always scuff sand previous coat with 320 grit sand paper 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 Conversion Varnish may be tinted with Mohawk Waterborne Colorants (M684 Series) not to exceed 10% addition by volume.

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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