ULTRA CLEAR CONVERSION VARNISH 275 VOC MATTE 55 GAL

TECHNICAL DATA SHEET

PRODUCT NUMBER	DESCRIPTION
M612-28207,M612-28208,M612-28209	ULTRA CLEAR CONVERSION VARNISH 275 VOC MATTE 55 GAL

PRODUCT DESCRIPTION:

Ultra™ Clear Conversion Varnish provides the ultimate high-end professional interior finish performance and appearance. These products not only pass all of the KCMA Household Chemical Tests, they exceed the requirements. Ultra™ Clear Conversion Varnish is a post catalyzed water white conversion varnish. These topcoats produce a finish system of maximum durability, wear and moisture resistance. They have good color retention properties and form a highly flexible film. A UV inhibitor is included to stabilize colors. These finishes can be sprayed with conventional, airless, HVLP, and air-assist airless equipment. Use Ultra™ Clear Conversion Varnish wherever the ultimate in finish protection is desired, such as kitchen and bath cabinets, laboratory, dormitory, office furniture, and display fixtures.

ADVANTAGES:

1. High moisture and chemical resistance, meets all KCMA test requirements
2. 275 VOC compliant and HAPS free
3. Ultra Clear and non-yellowing
4. Ultra durability & moisture resistant
5. Ultra high solids, Ultra high build

PHYSICAL PROPERTIES AND SPECIFICATIONS

Technology	Low-VOC conversion varnish
Color	Clear
Sheen	20° ± 2°
Viscosity	24 ±1 seconds Zahn 1 Sig @ 77 F
WPG	7.934901547 lbs/gal
Solids by Volume	28.503607967 ±1%
Solids by Weight	35.706821316 ±1%
Flash Point	-4.000000000 °F
HMIS	H: 2, F: 3, R: 0, P: X
Coating VOC (g/l)	247.781939329 g/l
Coating VOC (Lb/Gal)	2.067847874 lbs/gal
Material VOC (g/l)	97.993644445 g/l
Material VOC (Lb/Gal)	0.817799513 lbs/gal
#VOC/#Solid	0.288638404 lbs/lbs solid
VHAP Ratio (#VHAP/#Solid)	0.006480358
Spread Rate	457.197871791 sq. ft./gal @ 1.0 mil DFT (no loss)
Catalyst/Ratio	M612-701 @ 4oz/gal
Reducer	Ready to spray; M650-0017 Acetone as needed
Retarder	M612-1047 Mohawk Retarder for Low VOC Coatings; 5% max
AirDry	Air dry @ 77 F, 35% relative humidity To touch: 20 minutes; To sand and recoat: 45-60 minutes; To rubout or package: 24 hours
Oven Dry	User specific

Shelf-Life (Unopened)	36 months
Pot-Life (Catalyzed)	8 - 12 hours
Recoat Instruction	Scuff sand with 320 grit. Heavy sanding of previous coats should be avoided. If second coat of Ultra™ Clear Conversion Varnish cannot be applied within 4 hours after previous coat, allow to dry 24 hours, scuff sand prior to recoating with 320 grit stearated sandpaper and remove sanding dust.
PH	N/A
Contains UV Absorber	

DIRECTIONS:
Stir thoroughly before using. Seal with Mohawk E-Z Vinyl® Sealer (M612-800) and allow 45 minutes to dry before sanding with 320 grit sandpaper. Ultra™ Clear Conversion Varnish may also be used as its own sealer. Do not use a sterated sanding sealer as a sealer with this product. Sterated sanding sealers may cause acid blooming. Catalyze Ultra™ Clear Conversion Varnish with 4 oz. per gallon of Conversion Varnish Catalyst (M612-701). Only catalyze the amount of product needed, excess material cannot be saved. Stir material while adding Catalyst until thoroughly mixed. Allow material to sit for 15 minutes before spraying. Spray Ultra™ Clear Conversion Varnish in full wet coats. If a second coat is desired, apply within four hours of previous coat; scuff sanding with 320 grit stearated sandpaper. Mohawk Retarder for Low VOC Coatings (M612-1056) is recommended if a flow enhancer is needed.

NOTES: Ultra™ Clear Conversion Varnish is manufactured at spray viscosity. Mohawk Acetone (M650-001) is recommended for equipment clean up. If second coat of Ultra™ Clear Conversion Varnish cannot be applied within 4 hours after first coat, allow to dry 24 hours, scuff sand prior to recoating with 320 grit stearated sandpaper and remove sanding dust. Heavy sanding of previous coats should be avoided. Stainless steel spray equipment is recommended to avoid iron contamination (discoloration). Ultra™ Clear Conversion Varnish must be kept in a stainless container or container with plastic liner. Pot life is approximately 12 hours. Flush equipment and fluid lines at the end of each day with Mohawk Acetone (M650-001) or Mohawk Clean-Up Solvent (M650-900).
Total dry film should not exceed 4 mils. All products should be stirred properly before being used and also continuously agitated while in use to insure product consistency from start to finish. Filtering at every opportunity is suggested. The system should be pre-tested on the wood to be finished under application conditions. Mixing with other products or finish systems is not recommended. Mohawk Finishing Products will not be held liable for finish failure resulting from mixing products or systems. This product is formulated for interior applications and is not recommended or tested for exterior use.

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 Industrial Coatings Group, Inc.; 3194 B Hickory Blvd, Hudson, NC 28638; 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.

TDS. Mohawk Finishing Products, Division of RPM Wood Finishes Group, Inc. All rights reserved.