



# ULTRA FLO CLEAR CONVERSION VARNISH MATTE 20 SHEEN 5 GAL

## TECHNICAL DATA SHEET

PRODUCT NUMBER	DESCRIPTION
M615-21208	ULTRA FLO CLEAR CONVERSION VARNISH MATTE 20 SHEEN 5 GAL

### PRODUCT DESCRIPTION:

Mohawk Ultra® Flo Clear Conversion Varnish is a conventional VOC, clear, non-yellowing, catalyzed coating for cabinetry, millwork and other interior wood surfaces where maximum durability and moisture protection is needed. Ultra® Flo Clear Conversion Varnish may be used as a self-sealing system or over Mohawk E-Z Vinyl® Sealer (M610-800) or Ultra® Clear Conversion Varnish Sealer (M615-2900).

### ADVANTAGES:

- 1 High moisture and chemical resistance, meets all KCMA test requirements
- 2 Non-yellowing, UV inhibitor
- 3 Excellent cold check resistance
- 4 Excellent adhesion

### PHYSICAL PROPERTIES AND SPECIFICATIONS

Technology	Solvent based conversion varnish
Color	Clear when dry
Sheen	20° ±2
Viscosity	39" ±1; Zahn #1 sig @ 77° F
WPG	7.786228571 lbs/gal
Solids by Volume	32.351704611 ±1%
Solids by Weight	38.791715790 ±1%
Flash Point	39.200000000 °F
HMIS	H: 2, F: 3, R: 0, P: X
Coating VOC (g/l)	570.764302038 g/l
Coating VOC (Lb/Gal)	4.763275934 lbs/gal
Material VOC (g/l)	570.353014181 g/l
Material VOC (Lb/Gal)	4.759843558 lbs/gal
#VOC/#Solid	1.575892328 lbs/lbs solid
VHAP Ratio (#VHAP/#Solid)	0.336917577
Spread Rate	518.921341960 sq. ft./gal @ 1.0 mil DFT (no loss)
Catalyst/Ratio	M615-701X; 8 fluid ounces per gallon
Reducer	M650-1057; 10% max
Retarder	M650-1057; 10% max
AirDry	To touch: 15 min; To handle: 45 min; To recoat: 1 hour
Oven Dry	User specific
Shelf-Life (Unopened)	36 months
Pot-Life (Catalyzed)	8 to 12 hours
Recoat Instruction	Dry1- 2 hours, scuff with 320 grit & recoat within 4 hours of applicaton of previous coat
PH	N/A

#### DIRECTIONS:

Stir thoroughly before catalyzing and use. Catalyze Ultra® Flo Clear Conversion Varnish (M615-21XX) with 8 fl. oz. per gallon of Conversion Varnish Catalyst (M615-701). Only catalyze the amount of product needed because excess material cannot be saved. Stir material while adding Catalyst and continue to stir until thoroughly mixed. Allow material to sit for 15 minutes before spraying. Apply in light, even coats of no more than 3-4 wet mils per coat. Additional coats should be applied within 4 hours of previous coat. Scuff sand with 320 grit steared sandpaper between coats. Total dry film thickness of the entire system, including sealers should not exceed 4 dry mil. If a retarder is necessary, use Mohawk Conversion Varnish Reducer/Retarder (M650-1057). NOTES: Total dry film of the entire system should not exceed 4 dry mil. 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. Ultra® Flo Clear Conversion Varnish (M615-21XX) is manufactured at spray viscosity. Mohawk Conversion Varnish Reducer/Retarder (M650-1057) is recommended for equipment clean-up. If second coat of Ultra® Flo Clear Conversion Varnish (M615-21XX) cannot be applied within 4 hours after first coat, allow to dry 24 hours, scuff sand surface just prior to recoating with 320 grit steared sandpaper and remove sanding dust. Heavy sanding of previous coats should be avoided. Stainless steel spray equipment is recommended to avoid iron contamination (discoloration). Pot life is approximately 12 hours. Flush equipment and fluid lines at the end of each day with Mohawk Conversion Varnish Reducer/Retarder (M650-1057).

*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.*

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