



# DURACOAT II POST-CATALYZED CLEAR LACQUER SEMI-GLOSS 60 5 GA

## TECHNICAL DATA SHEET

### PRODUCT NUMBER

### DESCRIPTION

|                                                   |                                                                |
|---------------------------------------------------|----------------------------------------------------------------|
| M612-34607,M612-34608,M<br>A612-34607,MA612-34608 | DURACOAT II POST-CATALYZED CLEAR<br>LACQUER SEMI-GLOSS 60 5 GA |
|---------------------------------------------------|----------------------------------------------------------------|

### PRODUCT DESCRIPTION:

DuraCoat™ II Post-Catalyzed Lacquer is 275 VOC compliant, high quality finish that must be catalyzed with DuraCoat™ II Catalyst (M612-301) before use, which helps to build resistance properties into the film.

### ADVANTAGES:

1. Extended shelf life
2. 275 VOC compliant
3. HAP's and Rule 66 compliant
4. Excellent toughness, resistance and stability
5. Ready to spray, no reduction required

### PHYSICAL PROPERTIES AND SPECIFICATIONS

|                           |                                                                             |
|---------------------------|-----------------------------------------------------------------------------|
| Technology                | Solvent base, acid catalyzed nitrocellulose lacquer                         |
| Color                     | Clear                                                                       |
| Sheen                     | 60 Sheen                                                                    |
| Viscosity                 | 34 seconds Zahn #1 sig @ 77° F                                              |
| WPG                       | 7.788902402 lbs/gal                                                         |
| Solids by Volume          | 17.937177231 ±1%                                                            |
| Solids by Weight          | 25.519127105 ±1%                                                            |
| Flash Point               | -4.000000000 °F                                                             |
| HMIS                      | H: 2, F: 3, R: 0, P: X                                                      |
| Coating VOC (g/l)         | 271.964754369 g/l                                                           |
| Coating VOC (Lb/Gal)      | 2.269663966 lbs/gal                                                         |
| Material VOC (g/l)        | 70.914333982 g/l                                                            |
| Material VOC (Lb/Gal)     | 0.591810909 lbs/gal                                                         |
| #VOC/#Solid               | 0.297742540 lbs/lbs solid                                                   |
| VHAP Ratio (#VHAP/#Solid) | 0.046756576                                                                 |
| Spread Rate               | 287.712322785 sq. ft./gal @ 1.0 mil DFT (no loss)                           |
| Catalyst/Ratio            | DuraCoat™ II Catalyst (M612-301)                                            |
| Reducer                   | Ready to spray; M650-0017 Acetone as needed                                 |
| Retarder                  | M612-1047 Retarder for low VOC coatings as needed                           |
| AirDry                    | To touch; 7 min, To handle, 15 min, To recoat: 45 min, Rub & Pack: 24 hours |
| Oven Dry                  | User specific                                                               |
| Shelf-Life (Unopened)     | 12 months                                                                   |
| Pot-Life (Catalyzed)      | 6 months                                                                    |
| Recoat Instruction        | Scuff sand using 320 grit sandpaper between coats                           |
| PH                        | N/A                                                                         |

#### DIRECTIONS:

Add 1 bottle of the pre-measured (packaged in 3.2 oz./single gallon and 16 oz./5-gal pails bottles) DuraCoat™ II Catalyst (M612-301) to catalyze the entire container of DuraCoat™ II Post-Catalyzed Lacquer. Stir material while adding catalyst and continue to stir until thoroughly mixed. Material is now ready for spraying. Seal with E-Z Vinyl® Sealer (M612-800) or DuraCoat™ II Pre-Catalyzed Sealer (M612-3400) or use as a self-sealing sy and allow 30-45 minutes to dry before sanding with 320 grit sandpaper. Do not use a steared, nitrocellulose sanding sealer as a sealer with this product. Stearated, nitrocellulose sanding sealers may cause acid blooming.

DuraCoat™ II Post-Catalyzed Lacquer is manufactured at spray viscosity and should be applied in light, even coats of no more than 3-4 wet mils. Scuff sand with 320 grit steared sandpaper and remove sanding dust prior to applying the next coat. All Mohawk 275 VOC formulations are high solids products, which build very quickly. Total film build of the entire system, including topcoats, should not exceed 4 dry mils. Excessive build may lead to poor adhesion, cracking or cold check problems. Mohawk Retarder for Low VOC Coatings (M612-1056) is recommended if a flow enhancer is needed.

Notes: The entire container of DuraCoat™ II Post-Catalyzed Clear Lacquer must be catalyzed at once. Do not catalyze partial amounts. Attempting to catalyze partial amounts may result in poor performance of the product. DuraCoat™ II Post-Catalyzed Lacquer is manufactured at spray viscosity. If further reduction is required, Mohawk Acetone (M650-001) is recommended. Recoating DuraCoat™ II Post-Catalyzed Clear Lacquer (M612-3400 series) should take place after 30-45 minutes of dry time or after a fresh sanding. Stainless spray equipment is strongly recommended. Total dry film of the entire system, including topcoats, 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.*

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