



# PRODUCT INFORMATION



## MC161 High Solids Urethane Clear

### Background

Omni™ MC161 is a fast-drying, two component, acrylic high solids urethane clear designed for today's automotive collision centers.

### MC161 High Solids Urethane Clear

#### Clear

MC161 High Solids Urethane Clear

#### Hardener

MH167 Fast, MH168 Slow, MH169 Very Slow

### Compatible Surfaces:

MBC Acrylic Basecoat  
MTK Acrylic Urethane  
MAE/MH101/MH202 Catalyzed Acrylic Enamel

### Preparation:

Refer to the information bulletin for MBC, MTK, or MAE/MH101 for preparation of the color. The maximum time to clearcoat is 24 hours for MBC color and 1 week for MTK color or MAE/MH101/MH202 color.

### Mixing Ratios:



**MC161** 2  
**MH167/168/169 Hardener** 1



Pot Life 3 hours at 70° (21°C)

### Additives:

M148 Flattening Agent\*

Flat Add 51 oz./RTS gal.  
Eggshell Add 45 oz./RTS gal.  
Semi-gloss Add 42 oz./RTS gal.

MR189 Retarder\*\*

Add 5% / RTS quart

MX193 Flex Add

Add 10% / RTS quart

MX194 Fisheye Eliminator

Add 1/2 oz. / RTS quart

MX195 Accelerator

Add 1 oz. / RTS quart

MX200 Accelerator

Add 1/2 oz. / RTS quart

\* Clear may be flattened and used as a specialty coating for low gloss interior and exterior applications.

\*\* Addition of retarder in excess of 5% on RTS quart may result in a non-compliant ready to spray VOC. Verify local regulations prior to use.

### Application Coats:



Apply 2 coats

### Air Pressure:



HVLP 8 - 10 psi at the air cap  
Conventional 50 - 60 psi at the gun

### Gun Setup:

1.3 - 1.6 mm or equivalent

### Drying Times:

#### Between Coats



5 - 10 minutes at 70°F (21°C)

#### Air Dry



Dust: 30 - 40 minutes

Tack: 2 - 3 hours

Tape: 9 hours

16 hours at 70°F (21°C) to polish and put into service

#### Force Dry



30 minutes at 140°F (60°C), allow 2 hours to polish and put into service.

#### IR



12 - 15 minutes

### Clean Up:

Clean spray guns, gun cups, storage pots, etc., thoroughly with MR Reducer, MS 100 General Purpose Solvent or other appropriate clean up solvent after each use.

Follow EPA guidelines for proper storage and disposal of solvent-borne waste paint.

### Properties:

#### VOC

Package 4.22 lbs./gal.

Applied (2:1) 4.28 lbs./gal.

#### Film Build Per Coat

Applied (2:1) 1.5 - 2.0 mils

#### Square foot coverage at 1 mil

Applied (2:1) 619 sq. ft./gal., no loss

### Limitations:

Omni™ AU and Omni™ LV should not be combined with components of other product lines.

### Precautionary Information

The contents of this package may have to be blended with other components before the product can be used. Before opening the packages, be sure you understand the warning messages on the labels of all components, since the mixture will have the hazards of all its parts. Spray equipment must be handled with due care and in accordance with manufacturer's recommendations. Follow label directions for respirator use. Wear eye and skin protection. Observe all applicable precautions.

### Medical Response:

EMERGENCY MEDICAL OR SPILL CONTROL INFORMATION (304) 843-1300. IN CANADA (514) 645-1320.

### Material Safety Data Sheet:

Material Safety Data Sheets for the PPG products mentioned in this publication are available through your OMNI Distributor.

**For additional information regarding this product, see the MSDS and label information.**

To the best of our knowledge, the technical information in this bulletin is accurate; however, since PPG Industries, Inc. is constantly improving its coatings and paint formulas, the current technical data may vary somewhat from what was available when this bulletin was printed. Contact your OMNI Distributor for the most up-to-date information.