MTK Acrylic Urethane

**Background**
MTK is a fast drying, two component, acrylic urethane designed for today's automotive collision centers.

## MTK Acrylic Urethane

<table>
<thead>
<tr>
<th>Color</th>
<th>MTK Acrylic Urethane</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reducer</td>
<td>MR185 Fast, MR186 Medium, MR187 Slow, MR188 Very Slow</td>
</tr>
<tr>
<td>Hardener</td>
<td>MH167 Fast, MH168 Slow, MH169 Very Slow</td>
</tr>
</tbody>
</table>

## Compatible Substrates
- Cured, cleaned and sanded OEM and refinish enamels
- *MP176 Etch Primer - *Should be primed before topcoating
- MP178 Plastic Primer
- MP181 1K Primer Surfacer
- MP182 2K Urethane Surfacer
- MP183 Compliant Surfacer
- MX198 Polyester Primer
- MP210 1K High Solids Primer
- MP211 2K High Solids Primer
- MP213 GP Sealer
- MP281 1K Light Gray Primer Surfacer

## Preparation

### Surface cleaning
- MX190 Cleaner, MX191 Low VOC Cleaner, MX192 Plastic Cleaner

### Sanding
- 400 grit (machine or dry hand) or 500 grit (wet) on old finishes and primer Surfacers

## Mixing (cont.)

### Ratios
- **Standard**
  - 4 : 1 : 1
- **Higher Solids**
  - 4 : ½ : 1

### Pot life 8 hours at 70°F (21°C)

### Tinting
- MTK may be tinted up to 10% with OMNI™ AU mixing bases

### Color plus clear
- 1 part of RTS color can be mixed with up to 1 part RTS MC160, MC161, or MC260 clear on last coat.

## Application

### Coats
2 coats or until hiding

### Air pressure
- HVLP: 8 - 10 psi at the air cap
- Conventional: 40 - 50 psi at the gun

### Gun setup
- 1.4 - 1.6 mm or equivalent

### Dry Times

<table>
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<tr>
<th>Between coats</th>
</tr>
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<td>5 - 10 minutes at 70°F (21°C)</td>
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</table>

### Air dry
- Dust: 45 min
- Tack: 3 to 5 hours
- Tape: 12 hours
- Dry: 16 hours at 70°F (21°C) to polish and put into service
- Clear: 4-6 hours

### Force dry
- 30 minutes at 140°F (60°C), wait 8 hours to polish and put into service

### IR
- 10 - 15 minutes

## Clean Up
Clean spray guns, gun cups, storage pots, etc., thoroughly with MR Reducer, MS100 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: 4.5 lb./gal.
- Applied (4:1:1): 5.0 lb./gal. max.
- Applied (4:½:1): 5.0 lb./gal. max.

### Film build per coat
- Applied (4:1:1): 0.8 - 1.2 mils
- Applied (4:½:1): 1.0 - 1.4 mils

### Square foot coverage at 1 mil

## Limitations
OMNI™ AU and OMNI™ LV should not be combined with components of other product lines.

## Important
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. See Material Safety Data Sheet and Labels for additional safety information and handling instructions.

EMERGENCY MEDICAL OR SPILL CONTROL INFORMATION (412) 434-4515; IN CANADA (514) 645-1320.