MTV Low VOC Urethane

**Background**
MTV is a fast drying, two component acrylic urethane designed for use in VOC restricted areas.

**MTV Low VOC Urethane**

**Color**
- MTV Low VOC Urethane

**Hardener**
- MH235 Low VOC Hardener

**Compatible Substrates**
- Cured, cleaned and sanded OEM and refinish coatings
- MP170 Epoxy Primer
- MP178 Plastic Primer
- MP180 2K Sealer
- MP181/MP281 Primer Surfacers
- MP182 2K Urethane Surfacers
- MP183 Compliant Sealer
- MP184 Compliant Surfacers
- MX210 1K High Solids Primer
- MX211 2K High Solids Primer
- MX241 and MX245 Polyester Primer/Fillers
- MP213 GP Sealer

**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**

**Ratios**
- MTV : MH235 : MR Reducer = 4 : 1 : 1

**Pot life**
- 2 - 3 hours at 70°F (21°C)

**Additives**
- MX197 Add ½ oz. to RTS quart

**Application**

**Coats**
- 2 coats minimum or until hiding

**Air pressure**
- HVLP 10 psi at the air cap
- Conventional 40 - 50 psi at the gun

**Gun setup**
- 1.3 - 1.6 mm or equivalent

**Dry Times**

**Between coats**
- 5 minutes at 70°F (21°C)

**Air dry**
- Dust: 30-45 minutes
- Tack: 1½ - 2 hours
- Tape: 6 - 8 hours
- Dry: 16 hours at 70°F (21°C) to polish and put into service.

**Force Dry**
- 20 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, MS 100 General Purpose Solvent or another appropriate clean up solvent after each use. Follow EPA guidelines for proper storage and disposal of solvent-borne waste paint.

**Properties**

**Wet Film build per coat**
- Applied (4:1:1) 2.25 – 3.5 mils

**Square foot coverage at 1 mil**
- Applied (4:1:1) 708 sq. ft / gal., no loss
<table>
<thead>
<tr>
<th>RTS Combinations:</th>
<th>MTV</th>
<th>MTV : MH235 : MR18X</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume Ratio:</td>
<td>4: 1 : 1</td>
<td>Package color (As is)</td>
</tr>
<tr>
<td>Applicable Use Category</td>
<td>Single-Stage Ctg</td>
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</tr>
<tr>
<td>VOC Actual (g/L)</td>
<td>281 - 321</td>
<td>295 - 350</td>
</tr>
<tr>
<td>VOC Actual (lbs/gal)</td>
<td>2.35 - 2.68</td>
<td>2.47 - 2.93</td>
</tr>
<tr>
<td>VOC Regulatory (less water less exempt) (g/L)</td>
<td>340 - 382</td>
<td>355 - 404</td>
</tr>
<tr>
<td>VOC Regulatory (less water less exempt) (lbs/gal)</td>
<td>2.84 - 3.19</td>
<td>2.96 - 3.37</td>
</tr>
<tr>
<td>Density (g/L)</td>
<td>1041 - 1275</td>
<td>1019 - 1182</td>
</tr>
<tr>
<td>Density (lbs/gal)</td>
<td>8.69 - 10.64</td>
<td>8.50 - 9.86</td>
</tr>
<tr>
<td>Volatiles wt. %</td>
<td>41.2 - 51.7</td>
<td>43.8 - 51.7</td>
</tr>
<tr>
<td>Exempt wt. %</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>Water wt. %</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>Water vol. %</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>Exempt vol. %</td>
<td>16.2 - 17.2</td>
<td>13.5 - 16.9</td>
</tr>
</tbody>
</table>

**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.