MAE Acrylic Enamel with Hardener

**Background**
MAE is a fast drying, two component acrylic enamel designed for economy minded collision centers. MAE may also be sprayed with the addition of MX201 Gloss Enhancer to improve gloss normally associated with clearcoating in one easy step.

**MAE Acrylic Enamel w/MH Hardeners**

<table>
<thead>
<tr>
<th>Color</th>
<th>MAE Acrylic Enamel</th>
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</thead>
<tbody>
<tr>
<td>Hardener</td>
<td>MH101 Hardener, MH202 High Gloss Hardener</td>
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</tbody>
</table>

**Compatible Substrates**

- Cured, cleaned and sanded OEM and refinish coatings
- MP Series Epoxy Primers
- MP176 Etch Primer
- MP178 Plastic Primer
- MP180 2K Sealer
- MP181 1K Primer Surfacer
- MP230 1K Enamel Sealer
- MP241 / 245 Polyester Primers
- MP282 2K Urethane Surfacer

*For optimum properties, MP176 should be overcoated with a primer surfacer or sealer before topcoating.

**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**

<table>
<thead>
<tr>
<th>Standard</th>
<th>MAE</th>
<th>MR Reducers</th>
<th>MH101/MH202</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>8:1</td>
<td>1</td>
<td>1</td>
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**Gloss Enhancer**

<table>
<thead>
<tr>
<th>MAE</th>
<th>MX201</th>
<th>MH101/MH202</th>
<th>MR Reducers</th>
</tr>
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<tbody>
<tr>
<td>8:1</td>
<td></td>
<td>1</td>
<td>1-2</td>
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</table>

**Mixing (cont.)**

**Tinting**
MAE may be tinted up to 10% with OMNI™ AU mixing bases.

**Application**

**Coats**

3 coats or until hiding

**Air pressure**

- HVLP 8 - 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 - 10 minutes at 70°F (21°C)
- Dust: 30 Minutes
- Tack: 1 - 2 hours
- Tape: 4 hours
- Dry: 16 hours at 70°F (21°C) to polish and put into service.

**Force Dry**

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

**Dry: 10 - 15 minutes**

**Clean Up**

Clean spray guns, gun cups, storage pots thoroughly with MR Reducer, 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**

**VOC**

- Package 4.50 lbs/ gal.
- Applied (MH101) 5.00 lbs/ gal. max
- Applied (MH202) 5.00 lbs/ gal. max.

**Film build per coat**

- Applied (MH101) 1.0 - 1.4 mils
- Applied (MH202) 1.0 - 1.4 mils

**Square foot coverage at 1 mil**

- Applied (MH101) 560 sq. ft. / gal., no loss
- Applied (MH202) 570 sq. ft. / gal., no loss

**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.