**Background**
MP Series Primers are two component, non-chrome epoxies designed to provide superior corrosion protection and adhesion when applied over properly cleaned and sanded bare metal, fiberglass and painted surfaces. They are available in gray, black or white.

**MP170 Epoxy Primer**
- **Primer**: MP170 (gray), MP171 (white), MP172 (black)
- **Catalyst**: MP175 Epoxy Primer Catalyst

**Compatibility**
<table>
<thead>
<tr>
<th>MP Series Epoxy Primers may be applied over:</th>
<th>MP Series Epoxy Primers may be over coated with:</th>
</tr>
</thead>
<tbody>
<tr>
<td>MP176</td>
<td>MAE, MP281</td>
</tr>
<tr>
<td>MP178</td>
<td>MBC, MP282</td>
</tr>
<tr>
<td>MP181</td>
<td>MBP, MP292</td>
</tr>
<tr>
<td>MP182</td>
<td>MTV, MX241/245</td>
</tr>
<tr>
<td>MP282</td>
<td>MP181</td>
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<tr>
<td>MP292</td>
<td>MP182</td>
</tr>
<tr>
<td>MX241/245</td>
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</tbody>
</table>

**Preparation**
- **Surface cleaning**: MX190 Cleaner
- **Sanding**: 120 - 180 grit on bare metal, 220 - 320 grit on old finishes, body filler

**Mixing**
- **Ratios**: MP Series : MP175 = 2 : 1
- **Note**: Allow a 15 minute induction period before applying.
- **Pot life is 8 hours at 70°F (21°C)**
- **Additives**: Acetone may be added up to 10% to RTS MP Series Epoxy Primer.

**Application**
- **Coats**: 1 or 2 coats
- **Air pressure**: HVLP 8 - 10 psi at the air cap, Conventional 45 - 50 psi at the gun
- **Gun setup**: 1.3 - 1.6 mm or equivalent

**Dry Times**
- **Air dry**: 1 coat 15 minutes at 70°F (21°C), 2 coats 30 minutes at 70°F (21°C)
- **MP Series Epoxy Primers must be scuffed and reapplied if allowed to sit more than 3 days (72 hours).**

**Clean Up**
- Clean spray guns, gun cups, storage pots, etc., thoroughly with MR Reducer, MS General Purpose Solvents 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: MP170 4.3 lb./gal., MP171 4.2 lb./gal., MP172 4.2 lb./gal.
  - Applied (2:1): MP170 4.6 lb./gal., MP171 4.5 lb./gal., MP172 4.5 lb./gal.
  - Applied (2:1+10% acetone) max.: 4.6 lb./gal.

- **Film build per coat**
  - Applied (2:1) 1.0 mil

- **Square foot coverage at 1.0 mil**
  - Applied (2:1) 563 sq. ft./gal., no loss

**Limitations**
- Omni™ MP Series Primers should not be combined with other products except where prescribed.

**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 (304) 843-1300; IN CANADA (514) 645-1320.

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