MBC Acrylic Basecoat

**Background**
MBC is a fast drying, acrylic basecoat designed for today’s automotive collision centers. MBC must be clearcoated with one of the MC clears.

**MBC Acrylic Basecoat**

**Color**
MBC Acrylic Basecoat

**Reducer**
MR185 Fast, MR186 Medium, MR187 Slow, MR188 Very Slow

**Compatible Substrates**
Cured, cleaned & sanded OEM and refinish enamels
MP170 Epoxy Primer
MP176 Etch Primer - Prime before topcoating
MP178 Plastic Primer
MP180 2K Sealer
MP181/281 1K Primer Surfacer
MP182 2K Urethane Surfacer
MP183 Compliant Sealer
MP184 Compliant Surfacer
MX198 Polyester Primer
MP210 1K High Solids Primer
MP211 2K High Solids Primer
MP213 GP Sealer
MX241/245 Polyester Primer
MP282 2K Urethane 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

**Application**

**Coats**
2 coats or until hiding

**Air pressure**
HVLP 7 - 10 psi at the air cap
Conventional 45 - 55 psi at the gun

**Gun setup**
1.3 - 1.5 mm or equivalent

**Mixing**

**Ratios**

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<th>MBC</th>
<th>MR Reducer</th>
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**Tinting**
MBC may be tinted up to 10% with OMNI™ AU mixing bases

**Additives**
None

**Dry Times**

**Between coats**
5 - 10 minutes at 70°F (21°C)

**Air dry**
Tape: 45 minutes
Clear: 20 minutes minimum, 24 hours maximum at 70°F (21°C) to clearcoat

**Clean Up**
Clean equipment with MR Reducer or MS 100 General Purpose Solvent.
Follow EPA guidelines for proper storage and disposal of solvent-borne waste paint.

**Properties**

**VOC**
Package VOC Actual 4.39-5.78 lb./gal.
526-693 g/l
Package VOC Regulatory 4.39-5.78 lb./gal.
(Less water less exempt) 526-693 g/l
1:1 RTS VOC Regulatory 5.61-6.29 lb./gal.
(Less water less exempt) 672-754 g/l

**Film build per coat**
Applied (1:1) 0.5 - 0.6 mil

**Square foot coverage at 1 mil**
Applied (1:1) 159 - 198 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 (412) 434-4515; IN CANADA (514) 645-1320.

**Material Safety Data Sheet:**
Material Data Safety Sheets for the PPG products mentioned in this publication are available through your PPG 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 is constantly improving its coating 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.

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