# MBP Acrylic Urethane Basecoat

## Background
MBP is a fast drying, high hiding, excellent matching acrylic urethane basecoat designed for today's value conscious body shops.

## MBP Acrylic Basecoat

### Color
MBP 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
- MP210 1K High Solids Primer
- MP211 2K High Solids Primer
- MP213 GP Sealer
- MX241/245 Polyester Primer
- MP282 SV High Build 2K Urethane Surfacer
- MP292 SV High Build Low VOC Primer

## 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>MBP</th>
<th>MR Reducer</th>
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### Tinting
When tinting MBP, toners should be offset with equal parts of M599 basecoat binder.

### 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 General purpose Solvent. Follow EPA guidelines for proper storage and disposal of solvent-borne waste paint.

## Properties

### VOC
- **Package VOC Actual**
  - 4.26-5.78 lb./gal.
  - 511-693 g/l
- **Package VOC Regulatory**
  - 4.26-5.78 lb./gal.
  - (Less water less exempt) 511-693 g/l
- **1:1 RTS VOC regulatory**
  - 5.54-6.30 lb./gal.
  - (Less water exempt) 664-755 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

## 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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