MP282 SV High Build 2K Primer Surfacer

**Background**

*Omni™* MP282 is a fast drying, two component, gray, high build primer surfacer designed for today’s automotive collision centers. MH283 Hardener should be used in cool to normal temperatures; MH284 should be used in hot temperatures or when a longer pot life is needed.

**MP282 2K Urethane Surfacer**

**Primer**

MP282 SV High Build 2K Primer Surfacer

**Reducer**

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

**Hardener**

MH283 SV High Build 2K Primer Hardener – *Normal Temp.*

MH284 SV High Build 2K Primer Hardener – *High Temp.*

**Compatible Surfaces**

Cleaned, sanded, and etch or epoxy primed steel, galvanized and aluminum

Sanded and cleaned body filler

Sanded and cleaned fiberglass and SMC

Cured, cleaned and sanded OEM and refinish coatings (Apply 2 full coats over sensitive finishes, completely overlapping substrate)

MP170 Epoxy Primer

MP176 Etch Primer

MP178 Plastic Primer

**Preparation**

| Surface | MX190 Cleaner |
| Cleaning | MX192 Plastic Cleaner |
| Sanding | 120 – 180 grit on bare metal - For best performance, first apply MP176 Etch Primer or MP170 Epoxy Primer. 180 – 240 grit on old finishes / body filler |

**Mixing**

MP282 : MR Reducer* : MH283 or MH284

4 : 1* : 1

* For high build applications the MR Reducer may be cut to 1/2 part

**As a Spray Filler**

MP282 : MH283 or MH284 Hardener

4 : 1

1 hour at 70°F (21°C) at 4:1:1

30 minutes at 70°F (21°C) at 4:1/2:1

20 minutes at 70°F (21°C) at 4:1

Note: MH284 hardener can be used when a longer pot life is needed

**Mixing (cont.)**

| Additives | M193 Flex Add | Add 10% to RTS MP282 |
| MR Reducer* | MX200 Accelerator | Add 1 oz. To RTS quart |

**Application**

**Coats**

2 – 4 coats

**Air Pressure**

HVLP 8 – 10 psi at the air cap

Conventional 40 – 50 psi at the gun

**Gun Setup**

1.6 – 1.8 mm or equivalent

**Dry Times**

**Between Coats**

5 - 10 minutes at 70°F (21°C)

**Air Dry at 70°F (21°C)**

1 1/2 – 3 hours to sand and topcoat (4:1:1)

3 – 6 hours for high build applications (4:1:1/2)

8 hrs. minimum for spray filter applications (4:1)

**Force Dry**

20 – 30 minutes at 140°F (60°C), to sand and topcoat

**IR (Infrared)**

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**

| VOC | Package 4.01 lbs./gal. |
| Applied (4:1:1) | 4.66 lbs./gal |

**Film Build Per Coat (4:1:1)**

Applied (4:1:1) | 1.5 – 2.0 mils |

Applied (4:1) | 2.0 – 2.5 mils |

**Square foot coverage at 1 mil (4:1:1)**

Applied (4:1:1) | 538 sq. ft./gal., no loss |

Applied (4:1) | 646 sq. ft./gal., no loss |

**Limitations:**

*Omni™* AU and *Omni™* SV 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** (304) 843-1300. In Canada (514) 645-1320.

**Material Safety Data Sheet:**

Material Safety Data Sheets for the PPG products mentioned in this publication are available through your 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, Inc. is constantly improving its coatings 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.