



# PRODUCT INFORMATION



## MP181 1K Primer Surfacer MP281 1K Light Gray Primer Surfacer

### Background

MP181 and MP281 are fast drying, single component, high build primer surfacers designed for today's automotive collision centers.

### MP181/MP281 Primer Surfacer

#### Primer

MP181 1K Primer Surfacer  
MP281 1K Light Gray Primer Surfacer

#### Reducer

MR185 Fast, MR186 Medium, MR187 Slow, MS250  
Compliant Solvent

### Compatible Substrates

Cleaned, sanded, and etch primed steel, galvanized and aluminum  
Sanded and cleaned body filler  
Cured, cleaned and sanded OEM and refinish coatings  
MP170 Epoxy Primer  
MP176 Etch Primer  
MP178 Plastic Primer  
MX198 Polyester Primer  
MP210 1K High Solids Primer  
MP211 2K High Solids Primer

### Preparation

#### Surface cleaning

MX190 Cleaner, MX191 Low VOC Cleaner, MX192 Plastic Cleaner

#### Sanding

120 - 180 grit on bare metal - For optimum performance first apply MP176 Etch Primer or MP170 Epoxy Primer.  
180 - 240 grit on old finishes, body filler

### Mixing

#### Ratios



MP181/MP281 : MR Reducer or \*MS250  
1 : 1

**\*MS250 Solvent must be used to comply with the U.S. National Automotive Refinish Regulation.**

#### Tinting and Additives

None

### Limitations

Omni™ MP or MX Primers 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.**

### 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



30 minutes at 70°F (21°C) to sand and topcoat

### Clean Up

Clean spray guns, gun cups, storage pots, etc., thoroughly with MR Reducer, MS 100 General Purpose Solvent 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 (MP181/MP281) 4.6 lb./gal.  
Applied (1:1 w/MS250 Solvent) 4.8 lb./gal.  
Applied (1:1 w/MR Reducer) 5.8 lb./gal.

#### Film build per coat

Applied (1:1) 1.0 - 1.2 mils

#### Square foot coverage at 1 mil

Applied (1:1) 281 sq. ft. / gal., no loss