







PRODUCT INFORMATION



MP178 Plastic Primer

Background
MP178 is a one component, transparent primer designed to provide adhesion to most plastic substrates.
MP178 Plastic Primer
Primer MP178 Plastic Primer
Compatible Substrates
Cleaned and sanded plastic substrates (except polyethylene)
Preparation
Surface cleaning MX191 Low VOC Cleaner, MX192 Plastic Cleaner
Sanding 600 grit wet or dry or a gray abrasive pad (use a finer grit for softer plastics)
Mixing
Ratios
 MP178 is ready to spray
Additives None

Application
Coats
 1 thin coat
Air pressure
 HVLP 7 - 10 psi at the air cap Conventional 35 - 45 psi at the gun
Gun setup 1.3 - 1.5 mm or equivalent
Dry Times
Air dry
 30 minutes at 70°F (21°C) to 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
Film build per coat Applied (RTS) 0.2 mil
Square foot coverage at 0.2 mil Applied (RTS) 244 sq. ft. / gal., no loss

RTS Volume Ratio:	As is
Applicable Use Category	Adhesion Promoter
VOC Actual (g/L)	835
VOC Actual (lbs/gal)	6.97
VOC Regulatory (less water less exempt) (g/L)	835
VOC Regulatory (less water less exempt) (lbs/gal)	6.97
Density (g/L)	868
Density (lbs/gal)	7.24
Volatiles wt. %	96.2
Water wt. %	0.0
Exempt wt. %	0.0
Water vol. %	0.0
Exempt vol. %	0.0

Limitations
Omni™ MP or MX Primers 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.