



PRODUCT INFORMATION



MP243 Polyester Primer

Background

MP243 is a fast drying gray, two component high build polyester primer with excellent filling properties and can be used over a wide variety of substrates.. MP243 is lead and chromate free and is ideal for use in areas where VOC compliance is required. Once fully cured and sanded, MP243 may be topcoated with all Omni topcoats.

MP243 Polyester Primer

Primer

MP243 Polyester Primer

Hardener

Polyester Primer Hardener

Compatible Substrates

Properly cleaned and sanded steel, galvanized, and aluminum, sanded and cleaned body fillers. Cured, cleaned and sanded OEM and refinish coatings (apply 2 full coats over sensitive finishes). MP170 Epoxy Primer

Do not apply over

MP176 Etch Primer, MP178 Plastics Primer, MP213 GP Sealer, MP181 1K Primer Surfacer

Preparation

Surface Cleaning

MX190 Cleaner, MX191 Compliant Cleaner

Sanding

120 - 180 grit on bare metal
180 - 240 grit on old finishes and body filler

Mixing

Ratio

Add 1/2 oz. of primer hardener to 1 quart of MP243 Polyester Primer.

Pot Life



Pot life is 40-50 min. at 70°F (21°C).

Application

Coats



2-3 wet coats

Air pressure



HVLP 8 - 10 psi at the air cap
Conventional 40 - 50 psi at the gun

Gun setup

1.8 mm or larger

Dry Times

Between coats



5 -10 minutes at 70°F (21°C)

Air dry



1.5 hours at 70° (21°C) to sand, prime and topcoat.

Clean Up

Clean spray guns, gun cups, storage pots thoroughly with MR Reducer, General Purpose Solvent or other appropriate clean up solvents after each use. Follow EPA guidelines for proper storage and disposal of solvent-borne waste paint.

Properties

Dry film build per coat

Approximately 2.0 - 3.0 mils dry film per coat

RTS Combinations:	MP243 (Gray)	MEKP	MP243 + MEKP
Volume Ratio:	package	package	1 qt. + 1/2 oz
Applicable Use Category	Primer	Primer	Primer
VOC Actual (g/L)	174	29	172
VOC Actual (lbs/gal)	1.45	0.24	1.43
VOC Regulatory (less water less exempt) (g/L)	200	29	197
VOC Regulatory (less water less exempt) (lbs/gal)	1.67	0.24	1.64
Density (g/L)	1335	1069	1328
Density (lbs/gal)	11.12	8.91	11.07
Volatiles wt. %	22.0	2.7	21.8
Water wt. %	0.0	0.0	0.0
Exempt wt. %	9.0	0.0	9.0
Water vol. %	0.0	0.0	0.0
Exempt vol. %	13.0	0.0	13.0
Solids vol. %	N/A	N/A	65.5
Sq. Ft. Coverage / U.S. gal 1mil @ 100% transfer efficiency	N/A	N/A	1050

Limitations

Omni™ products 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.