

## MP802

### 2.1 VOC Multi-Purpose Rollable Primer (National Rule)

#### Background

OMNI® MP802 is a fast drying, two component gray multi-purpose Low VOC primer which may be used as a rollable primer surfacer. It is available for use in all North American Markets.

#### Components

##### Primer

MP801 2.1 VOC Multi-Purpose Primer - White  
 MP802 2.1 VOC Multi-Purpose Primer - Gray  
 MP803 2.1 VOC Multi-Purpose Primer - Black

##### Hardener

MH810 Multi-Purpose Primer Hardener

##### Reducer

MR185 Fast Reducer  
 MR186 Medium Reducer  
 MR187 Slow Reducer  
 MR188 Very Slow Reducer  
 (refer to OBTB-001NR *Omni* National Rule Reducer Guide)  
 MR294 Compliant Reducer Fast  
 MR295 Compliant Reducer Medium  
 MR296 Compliant Reducer Slow

##### Roller/Tray

SX1066 Light Build Roller Cover  
 SX1068 Roller Handle  
 SX1069 Roller Pan

#### Compatible Products

##### Can be applied over:

Cleaned, sanded and etch primed steel, galvanized and aluminum.  
 Sanded and cleaned body filler, SMC and gel-coated fiberglass.  
 Properly cleaned and sanded E-coat  
 Cleaned, cured and sanded OEM and refinish coatings.  
 MP246 Polyester Primer  
 MP17x Epoxy Primers  
 OneChoice® Plastic Adhesion Promoter  
 SX1071 Etch Prime

##### Can be topcoated with:

MP17x Epoxy Primer Series  
 MP23x 2K Urethane Sealer Series  
 MBP Acrylic Urethane Basecoat  
 MBC Acrylic Basecoat  
 MTK Acrylic Urethane Single Stage  
 MAE Acrylic Enamel Single Stage

#### Preparation

##### Surface Cleaning:

MX190 Wax and Grease Remover  
 MX192 Plastic Cleaner  
 SWX350 H<sub>2</sub>O-SO-CLEAN® Waterborne Pre-Cleaner

##### Sanding

For use as a primer: 180-220 Grit machine on bare steel  
 For use as a sealer: 320-400 Grit machine on primer or old finishes.

#### Mixing



Ratio:

<b>MP80x</b>	<b>:</b>	<b>MH810</b>	<b>:</b>	<b>MR18x*/MR29x</b>
4	:	1	:	2

*\*To improve application, solvent may be added or reduced as needed depending on job size and shop conditions.*



Pot Life:

½ Hour at 70°F (21°C) at 4:1:2



Additives:

MX193	Flex Add 10% to RTS mix
SL87	Extender add 5% to RTS mix

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## Application

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2 - 3 coats

### 1st Coat:

Fully cover the roller by rolling it in the MP802 primer. Start from the center of the repair and roll the primer all the way out to the featheredge using a “flicking” or lifting technique that will create a feathered edge in the primer around the entire repair. This technique will ensure a thin, smooth edge and make sanding of the featheredge much easier.

### 2nd and 3rd Coats:

When the first coat has thoroughly flashed for approximately 3 - 5 minutes, again start from the center and roll another coat just inside the edge of the first coat, using a featheredge ‘lifting’ technique. Note: Be sure to not allow the 2nd and 3rd coats to extend past the outside edge of the previous coat’s featheredge or solvent may be trapped resulting in shrinkage and may also generate a heavier edge than desired which will require excessive finish sanding.

### Sanding:

After an appropriate air dry or force cure, MP802 can be wet sanded with P400 followed by P600 or dry sanded with P360 followed by P500. After sanding, a minimum film build of 1.5 mils is recommended for optimum performance.

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## Dry Times

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**Between coats:**

3 - 5 minutes at 70° (21°C)



**Air Dry:**

1 ½ -3 hours to sand and topcoat at 70°F (21°C)



**Force Dry:**

20 - 30 minutes at 140°F (60°C) metal temperature



**Infrared:**

Flash 10 minutes on medium power then cure for 20 minutes



**Topcoat:**

**Air Dry**

1 ½ -3 hours

**Force Dry**

After cool down

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## Clean Up

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The SX1069 Roller Pans are designed to be solvent resistant and may be cleaned and re-used. Clean all equipment thoroughly with the appropriate clean up solvent such as MS151 Low VOC General Purpose Cleaner after each use. Follow EPA guidelines for proper storage and disposal of solvent-borne waste paint and materials.

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## Properties

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### Film Build Per Coat

Applied 4:1:2 1.5 - 2 mils.

### Square foot coverage at 1 mil

Applied 4:1:2 553 - 595 sq. ft. / gal. at 100% transfer

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<b>PRIMER SEALER</b>	<b>Standard System</b>	<b>Flexible System</b>
RTS Combinations	MP80x : MH810 : MR18x/MR29x	MP80x : MH810 : MR18x/MR29x + 10% MX193
Volume Ratio:	4 : 1 : 2	4 : 1 : 2 +10%
Applicable Use Category	Primer	Primer
VOC Regulatory (less water less exempt) (g/L)	406 - 458	417 - 463
VOC Regulatory (less water less exempt) (lbs/gal)	3.39 - 3.82	3.48 - 3.86
Solids wt. %	50.0 - 54.5	49.8 - 54.1
Solids vol. %	34.5 - 37.0	34.9 - 37.1
Sq. Ft. Coverage at 1 mil at 100% transfer efficiency	553 - 594	560 - 595

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**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 of 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**

**See Safety Data Sheet and Labels for additional safety information and handling instructions.**

Data Safety Sheets for the PPG products mentioned in this publication are available through your PPG *Omni* brand distributor. 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* brand distributor or visit [www.ppgrefinish.com](http://www.ppgrefinish.com) for the most up-to-date information.

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