

## MP23x Series 2K Urethane Sealers

### Background

OMNI® MP23X Series 2K Urethane Sealers are fast drying, two component sealers designed for today's automotive collision centers. They are available in white, gray and dark gray.

### Components

Sealer	Hardener	Reducer
MP231 2K Urethane Sealer - White	MH283 High Build 2K Primer	MR185 Fast 55-65°F (13-18°C)
MP235 2K Urethane Sealer - Gray	Hardener - Normal Temp	MR186 Medium 65-75°F (18-24°C)
MP237 2K Urethane Sealer - Dark Gray	MH284 High Build 2K Primer	MR187 Slow 75-85°F (24-29°C)
	Hardener - High Temp	MR188 Very Slow 85-95°F (29-35°C)

### 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.  
MP17x Epoxy Primers  
MP176 Etch Primer  
MP178 Plastic Primer  
MP243 Polyester Primer  
MP281 1K Light Gray Primer Surfacer  
MP182 2K Urethane Surfacer  
MP282 High Build 2K Primer Surfacer

#### Can be topcoated with:

MBP *Omni* Plus Acrylic Urethane Basecoat  
MBC Acrylic Basecoat  
MTK Acrylic Urethane Single Stage  
MAE Acrylic Enamel  
MAE Acrylic Enamel with Hardener

### Preparation

#### Surface Cleaning:

MX190 Cleaner  
MX192 Plastic Cleaner  
SXA330 Wax and Grease Remover  
SWX350 (H<sub>2</sub>O-SO-CLEAN®) Waterborne Pre-Cleaner

#### Sanding

400 grit (machine or dry hand) or 500 grit (wet) on old finishes and primer surfacers.

### Mixing



**Ratios:**

<b>MP23X</b>	:	<b>MH28X</b>	:	<b>MR18X</b>
4	:	1	:	1



**Pot Life:**

1 hours at 70°F (21°C)



**Additives:**

MX193 Flexible Additive      10% to RTS quart

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## Air Pressure and Gun Setup

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**HVLP:** 8 - 10 psi at the air cap  
**Compliant:** 29 - 40 psi at the gun  
**Gun Setup:** 1.3 - 1.6 mm or equivalent

Note: For best overall results, refer to spraygun manufacturer's recommendations for inlet air pressures.

## Application

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**Coats:** 1 medium wet coat

## Dry Times

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**Air Dry:** 15 minutes at 70°F (21°C)



**Recoat/Topcoat:** Scuff and reseal after 72 hours

## Clean Up

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Clean spray guns, gun cups, storage pots, etc., thoroughly with MR Reducer, MS251 Multi 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

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### VOC

Applied (4:1:1)	4.42 - 4.54 lbs./ gal
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Applied (4:1:1)	530 - 544 g/L
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RTS Solids by weight	51.5%
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### Film build per coat

Applied (4:1:1)	0.8 - 1.0
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### Square foot coverage at 1 mil

Applied (4:1:1)	553 sq. ft. per US gallon at 100% transfer
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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 use. 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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