

MP89x 2.1 VOC Urethane Sealers

Background

OMNI® MP89X Series 2.1 VOC 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
MP891 2.1 VOC Urethane Sealer / White	MH810 Multi-Purpose Primer Hardener	MR294 Fast 55-65°F (13-18°C)
MP895 2.1 VOC Urethane Sealer / Gray		MR295 Medium 65-75°F (18-24°C)
MP897 2.1 VOC Urethane Sealer / Dark Gray		MR296 Slow 75-85°F (24-28°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.
 SX1071 Etch Primer
 SU470LV 1K Compliant Adhesion Promoter
 MP243 Polyester Primer
 MP871 2.1 VOC Epoxy Primer - Gray
 MP80x 2.1 VOC Multi-Purpose Primers
 MP831 2.1 VOC 1K Primer Surfacer - Gray

Can be topcoated with:

MBPX *Omni* Plus 3.5 VOC Acrylic Urethane Basecoat
 MBX 3.5 VOC Acrylic Basecoat
 MTX 2.8 VOC Single Stage
 MLX 2.8 VOC Acrylic Enamel

Preparation

Surface Cleaning:

SXA330 Wax and Grease Remover
 SWX350 (H₂O-SO-CLEAN®) Waterborne Pre-Cleaner
 SX1009 2.9 VOC Bug and Tar Remover

Sanding

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

Mixing



Primer Ratio:

MP89X	:	MH810	:	MR29X
4	:	1	:	1



Pot Life:

1 hour at 70°F (21°C)



Additives:

SLV814 Flexible Additive 10% to RTS quart

Air Pressure and Gun Setup



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



Coats: 1 medium wet coat

Dry Times



Air Dry: 15 minutes at 70°F (21°C)



Recoat/Topcoat: Scuff and reseal after 72 hours

Clean Up

Clean spray guns, gun cups, storage pots, etc., thoroughly with MR Reducer, MS151 Low VOC General 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

RTS Combinations:	MP89X : MH810 : MR29X	MP89X : MH810 : MR29X + SLV814
Volume Ratio:	4 : 1 : 1	4 : 1 : 1 + 10%
Applicable Use Category	Primer / Primer Sealer	Primer / Primer Sealer
VOC Actual (g/L)	132 - 138	125 - 129
VOC Actual (lbs./gal)	1.10 - 1.15	1.04 - 1.08
VOC Regulatory (less water less exempt) (g/L)	235 - 250	228 - 243
VOC Regulatory (less water less exempt) (lbs./gal)	1.96 - 2.09	1.90 - 2.03
Density (g/L)	1391 - 1432	1377 - 1401
Density (lbs./gal)	11.61 - 11.95	11.49 - 11.69
Volatiles wt. %	47.5 - 51.9	49.6 - 53.7
Solids wt. %	48.1 - 52.5	46.3 - 50.4
Water wt. %	0.1	0.1
Exempt wt. %	38.0 - 42.0	40.6 - 44.2
Water vol. %	0.1	0.1
Exempt vol. %	43.3 - 45.0	45.2 - 46.7
Sq. Ft. Coverage 1 mil at 100% transfer	619 - 646	600 - 640

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 for the most up-to-date information.

