



PRODUCT INFORMATION



MBX 3.5 Basecoat

Background

MBX is a fast drying, acrylic basecoat designed for today's automotive collision centers. For VOC compliance, MBX must be top coated with a compliant Omni clear coat.

MBX Acrylic Basecoat

Color

MBX Acrylic Basecoat

Reducer

MR294 Fast, MR295 Medium, MR296 Slow, MR297 Retarder

Preparation

Surface cleaning

SWX350 O So Clean

SXA330 Wax and Grease Remover

Sanding

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

Compatible Substrates

Cured, cleaned & sanded OEM and refinish enamels
Any compliant Omni primer including:

MP802 Multi-Purpose Primer
MP243 Polyester Primer

Mixing

Ratios



MBX : MR29X Reducer
1 : 1

Note: MBX may be reduced at a 2:1 ratio to improve hiding. At the 2:1 reduction, the flash times between coats may be extended. For metallic and pearl colors, the 1:1 ratio should be used for the final coat to improve metallic control and orientation.

Tinting

MBX may be tinted up to 10% with OMNI™ AU mixing bases

Additives None

Application

Coats



2 coats or until hiding

Air pressure



HVLP 7 - 10 psi at the air cap
Conventional 45 - 55 psi at the gun

Gun setup

1.3 - 1.5 mm or equivalent

Dry Times

Between coats



5 - 10 minutes at 70°F (21°C)

Air dry



Tape: 45 minutes
Clear: 20 minutes minimum, 24 hours
maximum at 70°F (21°C) to clearcoat

Clean Up

Clean equipment with General Purpose Solvent.

Properties

MBX Applied 1:1 0.5 - 0.6 mil
Square foot coverage at 1 mil
MBX Applied 1:1 245- 277 sq. ft. / gal., no loss

RTS Combinations:	MBX Color (Package)	MBX : MR29X	MBX : MR29X
Volume Ratio:	N/A	1 : 1	2 : 1
Applicable Use Category	Color Coating	Color Coating	Color Coating
VOC Actual (g/L)	175 - 283	87 - 141	117 - 186
VOC Actual (lbs/gal)	1.46 - 2.36	0.73 - 1.18	0.97 - 1.55
VOC Regulatory (less water less exempt) (g/L)	338 - 417	338 - 417	336 - 417
VOC Regulatory (less water less exempt) (lbs/gal)	2.82 - 3.48	2.82 - 3.48	2.81 - 3.48
Density (g/L)	973 - 1191	1094 - 1267	1071 - 1242
Density (lbs/gal)	8.12 - 9.94	9.13 - 10.57	8.94 - 10.36
Volatiles wt. %	50.5 - 62.4	76.7 - 84.2	67.2 - 77.2
Water wt. %	0.0	0.0	0.0
Exempt wt. %	29.9 - 44.6	68.4 - 76.3	55.4 - 66.7
Water vol. %	0.0	0.0	0.0
Exempt vol. %	32.3 - 48.8	66.1 - 74.4	55.2 - 65.7

Limitations

Omni™ AU and Omni™ LV 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.