



MTX

3.5 VOC Single Stage (National Rule)

Background

OMNI® MTX is a fast drying 3.5 VOC acrylic urethane single stage topcoat designed for today's automotive collision centers. It is available in both solid and metallic finishes.

Components

Color	Hardener	Reducer
MTX 2.8 VOC Single Stage	MH238 Low VOC Hardener	MR185 Fast 55-65°F (13-18°C) MR186 Medium 65-75°F (18-24°C) MR187 Slow 75-85°F (24-29°C) MR188 Very Slow 85-95°F (29-35°C)

Compatible Products

Can be applied over:

Cured, cleaned and sanded OEM and refinish coatings.
MP17x Epoxy Primers
MP178 Plastic Primer
MP281 1K Light Gray Primer Surfacer
MP182 2K Urethane Surfacer
MP282 High Build 2K Primer Surfacer
MP23x 2K Urethane Sealers
MP213 GP Sealer

Can be topcoated with:

MC161 High Solids Urethane Clear
MC250 Urethane Clearcoat
MC260 Quick Clear
MC270 4.2 VOC Production Clear
MC2800 EUROPLUS® Speed Clear

Preparation

Surface Cleaning:

MX190 Cleaner
MX192 Plastic Cleaner
SXA330 Wax and Grease Remover
SWX350 (H₂O-SO-CLEAN®) Waterborne Pre-Cleaner

Sanding

320 grit machine or 500 grit (wet) on old finishes and primer surfacers.

Mixing



Ratios:

MTX	:	MH238	:	MR18x
4	:	1	:	1

Up to 1/2 additional part of reducer may be used as needed



Pot Life:

8 hours

Tinting:

MTX color may be tinted up to 10% with *Omni* mixing bases and equal parts M728 MTX converter.



Additives:

MX193 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: 2 coats or until proper color is achieved and cross coat as needed
Cross coat as needed.
For optimum performance final recommended film build is 2.0 - 2.5 mils.

Dry Times



Between Coats: 5 - 10 minutes at 70°F (21°C)



Air Dry: Dust: 1 hour minutes
Tack: 4 - 6 hours
Tape: 12 hours



Force Dry: 30 minutes at 140°F (60°C)



IR: Medium wave 75% power for 30 minutes



Polish: **Air Dry**
16 - 24 hours at 70°F (21°C) to polish and put into service
Force Dry
8 hours to polish and put into service



Recoat: **Air Dry**
16 - 24 hours at 70°F (21°C)
Force Dry
8 hours
Must lightly scuff before recoating

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:	MTX Color (Package)	MTX : MH238 : MR18X	MTX : MH238 : MR18X : MX193
Volume Ratio:	N/A	4 : 1 : 1	4 : 1 : 1 +10%
VOC Actual (g/L)	310 - 404	330 - 381	344 - 391
VOC Actual (lbs/gal)	2.32 - 2.96	2.75 - 3.18	2.87 - 3.26
VOC Regulatory (less water less exempt) (g/L)	278 - 355	362 - 412	375 - 419
VOC Regulatory (less water less exempt) (lbs/gal)	2.59 - 3.23	3.02 - 3.44	3.13 - 3.50

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.



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