



## MTV Low VOC Urethane

### Background

MTV is a fast drying, two component acrylic urethane designed for use in VOC restricted areas.

### MTV Low VOC Urethane

#### Color

MTV Low VOC Urethane

#### Hardener

MH235 Low VOC Hardener

### Compatible Substrates

Cured, cleaned and sanded OEM and refinish coatings

MP170 Epoxy Primer

MP178 Plastic Primer

MP180 2K Sealer

MP181/MP281 Primer Surfacer

MP182 2K Urethane Surfacer

MP183 Compliant Sealer

MP184 Compliant Surfacer

MX210 1K High Solids Primer

MX211 2K High Solids Primer

MX241 and MX245 Polyester Primer/Fillers

MP213 GP Sealer

### Preparation

#### Surface Cleaning

MX190 Cleaner, MX191 Low VOC Cleaner, MX192 Plastic Cleaner

#### Sanding

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

### Mixing

#### Ratios



MTV  
4

MH235  
1

MR Reducer  
1



Pot life 2 -3 hours at 70°F (21°C)

Additives: MX197 Add ½ oz. to RTS quart

### Application

#### Coats



2 coats minimum or until hiding

#### Air pressure



HVLP 10 psi at the air cap  
Conventional 40 - 50 psi at the gun

#### Gun setup

1.3 - 1.6 mm or equivalent

### Dry Times

#### Between coats



5 minutes at 70°F (21°C)

#### Air dry



Dust: 30-45 minutes  
Tack: 1½ -2hours  
Tape: 6-8 hours  
Dry: 16 hours at 70°F (21°C) to polish and put into service.

#### Force Dry

20 minutes at 140°F (60°C), wait 8 hours to polish and put into service.

#### IR

10 - 15 minutes

### Clean Up

Clean spray guns, gun cups, storage pots, etc., thoroughly with MR Reducer, MS 100 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

#### Wet Film build per coat

Applied (4:1:1) 2.25 – 3.5 mils

#### Square foot coverage at 1 mil

Applied (4:1:1) 708 sq. ft. / gal., no loss

RTS Combinations:	MTV	MTV : MH235 : MR18X
Volume Ratio:	Package color (As is)	4: 1 : 1
Applicable Use Category	Single-Stage Ctg	Single-Stage Ctg
VOC Actual (g/L)	281 - 321	295 - 350
VOC Actual (lbs/gal)	2.35 - 2.68	2.47 - 2.93
VOC Regulatory (less water less exempt) (g/L)	340 - 382	355 - 404
VOC Regulatory (less water less exempt) (lbs/gal)	2.84 - 3.19	2.96 - 3.37
Density (g/L)	1041 - 1275	1019 - 1182
Density (lbs/gal)	8.69 - 10.64	8.50 - 9.86
Volatiles wt. %	41.2 - 51.7	43.8 - 51.7
Water wt. %	0.0	0.0
Exempt wt. %	17.4 - 21.3	15.5 - 20.2
Water vol. %	0.0	0.0
Exempt vol. %	16.2 - 17.2	13.5 - 16.9

#### **Limitations**

**Omni™ AU and Omni™ LV should not be combined with components of other product lines.**

#### **Important**

**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.**

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

**EMERGENCY MEDICAL OR SPILL CONTROL INFORMATION (412)434-4515; IN CANADA (514) 645-1320.**