

# OMNI PRODUCT INFORMATION



# **MTK Acrylic Urethane**

## Background

MTK is a fast drying, two component, acrylic urethane designed for today's automotive collision centers.

## MTK Acrylic Urethane

#### Color

MTK Acrylic Urethane

#### Reducer

MR185 Fast, MR186 Medium, MR187 Slow, MR188 Very

#### Hardener

MH167 Fast, MH168 Slow, MH169 Very Slow

# **Compatible Substrates**

Cured, cleaned and sanded OEM and refinish enamels

MP170 Epoxy Primer

\*MP176 Etch Primer - \*Should be primed before topcoating

MP178 Plastic Primer

MP180 2K Sealer

MP181 1K Primer Surfacer

MP182 2K Urethane Surfacer

MP183 Compliant Sealer

MP184 Compliant Surfacer

MX198 Polyester Primer

MP210 1K High Solids Primer

MP211 2K High Solids Primer

MP213 GP Sealer

MP281 1K Light Gray Primer Surfacer

## **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**

Standard Uool

 $\frac{\mathsf{MTK}}{\mathsf{4}} \; : \; \frac{\mathsf{MR} \; \mathsf{Reducer}}{\mathsf{1}} \; : \; \frac{\mathsf{MH} \mathsf{167} \, / \, \mathsf{MH} \mathsf{168} \, / \, \mathsf{MH} \mathsf{169}}{\mathsf{1}}$ 

**Higher Solids** 



MTK MR Reducer MH167 / MH168 / MH169 1/2 :



Pot life 8 hours at 70°F (21°C)

# **Tinting**

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

#### Color plus clear

1 part of RTS color can be mixed with up to 1 part RTS MC160, MC161, or MC260 clear on last coat.

# Mixing (cont.)

#### Additives

MR189 Retarder Add 10% to RTS quart MX193 Flex Add Add 10% to RTS quart MX194 Fisheye Elim. Add ½ oz. to RTS quart MX195 Accelerator Add 1 oz. to RTS quart Add 1/2 oz. to RTS quart MX200 Accelerator

# **Application**

# Coats



2 coats or until hiding

#### Air pressure

HVI P 8 - 10 psi at the air cap 40 - 50 psi at the gun Conventional

#### Gun setup

1.4 - 1.6 mm or equivalent

# **Dry Times**

#### Between coats



5 - 10 minutes at 70°F (21°C)

# Air dry

Dust: 45 min Tack: 3 to 5 hours Tape: 12 hours

16 hours at 70°F (21°C) to polish and

put into service

Clear: 4-6 hours

# Force dry

30 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, MS100 General Purpose Solvent or other appropriate clean up solvent after each use. Follow EPA guidelines for proper storage and disposal of solvent-borne waste paint.

# **Properties**

#### VOC

Package 4.5 lb./gal. Applied (4:1:1) 5.0 lb./gal. max. 5.0 lb./gal. max. Applied (4:1/2:1) Film build per coat

Applied (4:1:1) 0.8 - 1.2 mils Applied (4:1/2:1) 1.0 - 1.4 mils

#### Square foot coverage at 1 mil

Applied (4:1:1) 478 - 562 sq. ft. / gal., no loss Applied (4:1/2:1) 532 - 624 sq. ft. / gal., no loss

# 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.