

# MAU



## SINGLE STAGE ACRYLIC URETHANE

### Technical Data Sheet

Painters Hotline 800.735.0303

#### PRODUCT NUMBER

MAU

#### DESCRIPTION

SINGLE STAGE ACRYLIC URETHANE

#### HARDENER

MH-002

#### DESCRIPTION

MAU SINGLE STAGE ACTIVATOR

#### ADDITIVE

MX-898

#### DESCRIPTION

MAU SLOW CURE ADDITIVE

#### DESCRIPTION

Matrix System MAU urethane color offers exceptional hiding, good color match with solid and metallic colors. MAU is ideal for a spot and panel refinishing system as well as an overall system. MAU metallic color requires an integrated clearcoat for enhanced gloss and distinctness of image.

#### SURFACE PREPARATION

1. Wash area thoroughly with soap and water to remove contaminants that solvent based cleaners cannot remove effectively.
2. Clean repair area with MX-9000 Pre-Prep Wax and Grease Remover or MXW-9001 Zero VOC Cleaner/Degreaser where VOC regulations require use.
3. For maximum adhesion, treat bare metal with a quality metal conditioning system or prime with MP-Epoxy Primers or MP-550 Self Etching Primer or MP-600 Self Etching Wash Primer.
4. Fill imperfections with any 2K Matrix System primer surfacer. Final sand surface wet or dry with 600 grit paper or finer before applying basecoat.
5. For maximum performance use MP-120 Series Sealers prior to application.

#### MIXING RATIO

<u>MAU</u>	<u>MH-002</u>
1 Part	1 Part

#### APPLICATION

Adjust air pressure to 40-50 psi at gun for gravity or siphon feed guns or HVLP use 8-10 psi at air cap. Apply 2-3 medium coats or until hiding is achieved. Allow a 15-20 minute flash time between coats. **To clearcoat MAU metallic color follow final color coat to flash 30-45 minutes, then apply 1-2 wet coats of any Matrix clearcoat.**

SINGLE  
STAGE

## **INTEGRATION TECHNIQUE**

Follow application procedures listed above. Clearcoat integration may be used to increase the gloss of MAU when traditional clearcoating is not desired. For the last coat of color, "gloss coat", mix 1 volume of RTS MAU to 1 volume of any RTS Matrix System clearcoat. Allow last coat of MAU to flash 15-20 minutes, then apply 1 full wet coat of the MAU/clearcoat mixture.

**\*DO NOT USE MH-43 or MHV-84 when integration technique is used.**

## **USE OF MX-898**

MX-898 is required for hot weather conditions, large vehicles or vehicles with more than 2 panels, add 3 cap fulls (or 27 grams) of MX-898 MAU Slow Cure Additive to a RTS quart of MAU. Mix thoroughly.

## **RECOAT**

MAU may be recoated after 18-24 hours at 77° F. After 18-24 hours depending on temperature, humidity and film build MAU must be lightly sanded/scuffed before additional color or clearcoat may be applied.

## **UNIVERSAL FISHEYE ELIMINATOR**

1-2 cap fulls of MX-01 Univesal Fisheye Eliminator can be added to a ready to spray quart of MAU single stage urethane product.

## **EQUIPMENT CLEAN-UP**

Clean equipment immediately after use with MX-110 Gun Wash reducer, a high quality lacquer thinner or urethane reducer.

## **TECHNICAL DATA**

Color:	Various
Mixing Ratio:	1:1
Viscosity (RTS):	18-24 seconds #2 Zahn
Weight Solids (RTS):	33-54%
Film Build:	1.0 - 1.5 mils
Pot Life:	4-6 hours
Coverage:	610 - 660 sq. ft.
VOC (RTS):	Less than 5.0 lbs/gal
Disposal/Safety:	See MSDS for this product

**NOTE: Matrix System products are not recommended for use in temperatures below 60° F. Use below these temperatures will effect dry times and performance.**

**FOR INDUSTRY USE ONLY  
Read MSDS Before Use**

The contents of the package must be blended with other components before the product can be used. Any mixture of components will have hazards of all components. Before opening the packages, read all warning labels. Follow all precautions.

The material is designed for application only by professionally trained personnel using proper equipment under controlled conditions, and is not intended for sale to the general public.

**SEE MSDS AND PRODUCT LABELS FOR ADDITIONAL SAFETY INFORMATION.**

***Put it to the test!***

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