

MCU

SINGLE STAGE MIXED COLORS

Technical Data Sheet

Painters Hotline 800.735.0303

PRODUCT NUMBER

MCU

DESCRIPTION

SINGLE STAGE URETHANE

HARDENER

MH-005
MH-006
MH-43

DESCRIPTION

NORMAL URETHANE HARDENER
SLOW URETHANE HARDENER
SPOT AND PANEL URETHANE HARDENER

MIXING BINDER

MXB-60
MXB-70
MXB-80

DESCRIPTION

MIXING BINDER - FAST
MIXING BINDER - MEDIUM
MIXING BINDER - SLOW

DESCRIPTION

Matrix System MCU Single Stage Urethane offers the versatility of spot and panel, or overall refinishing and provides excellent color match and exceptional hiding. MCU metallic colors may require an integrated clearcoat for enhanced gloss.

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 Wax and Grease Remover or MXW-9001 where VOC regulations require use.
3. For maximum adhesion, treat bare metal with a quality metal conditioning system or prime with MP-Epoxy Primers, MP4-2K, MP-550 or MP-600 Self-Etching 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.

** For optimum performance, the use of MP-120 Series sealers are recommended*

MIXING RATIO

MCU MH-005/006 or MH-43
4 Part 1 Part

SINGLE
STAGE

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 and before force drying.

INTEGRATION TECHNIQUE

Follow application procedures listed above. Clearcoat integration may be used to increase the gloss of MCU when traditional clearcoating is not desired. For the last coat of color, "gloss coat", mix 1 volume of RTS MCU to 1 volume of RTS MS-20 or MS-42 Clearcoat. Allow last coat of MCU to flash 15-20 minutes, then apply 1 full wet coat of the clearcoat mixture.

***DO NOT USE MH-43 when integration technique is used.**

RECOAT

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

FISHEYE ELIMINATOR

1-2 cap fulls of MX-01 Fisheye Eliminator can be added to a ready to spray quart of MCU 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:	4:1 MCU to MH-005/006 or MH-43
Viscosity (RTS):	18-24 seconds #2 Zahn
Weight Solids (RTS):	38-45%
Film Build:	1.0 - 1.5 mils
Pot Life:	4-6 hours
Coverage:	610 - 660 sq. ft.
V.O.C. (RTS):	Less than 5.0 lbs/gal
Disposal/Safety:	see MSDS for this product

DUE TO THE MANY VARIABLES INHERENT TO ACHIEVING COLORMATCH, WE SPECIFICALLY STATE THAT THERE IS NO WARRANTY OR GUARANTEE WITH COLOR MATCH.

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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