



### GENERAL INFORMATION

MS-100 is a 4.4 VOC Matte Clearcoat with an easy 6:1 mix ratio. MS-100 is designed to produce a 5°-15° gloss level. MS-100 sprays easily and dries quickly.



### 1. COMPONENTS

- MS-100 Matte Urethane Clearcoat
- MH-110 Matte Hardener



### 2. MIXING RATIO (6:1)

- Mix six (6) parts MS-100 Matte Urethane Clearcoat with one (1) part MH-110 Matte Hardener.



### 3. POT LIFE @ 77°F (25°C)

- Sprayable 30-60 minutes.

\*NOTE: Pot life will shorten as temperatures increase. Matrix System products are not recommended for use in temperatures below 65°F



### 4. CLEAN UP

- Clean equipment immediately after use (check local regulations)



### 5. ADDITIVES

- N/A



### 6. SURFACE PREPARATION

FOR APPLICATION OVER RECOMMENDED BASECOAT SYSTEM ONLY

- Allow basecoats sufficient dry times



### OEM BLEND AREAS

Option 1:

- Clean blend area with appropriate Matrix surface cleaner based on local regulatory compliance.
- Scuff blend area with gray scuff pad and sanding paste
- Sanding paste must be thoroughly washed away
- Reclean blend area with Matrix surface cleaner prior to topcoating

Option 2:

- Clean blend area with appropriate Matrix surface cleaner based on local regulatory compliance
- Sand blend areas with P800 - P1000 grit paper, for hard to reach areas scuff with gray scuff pad
- Reclean blend area with Matrix surface cleaner prior to topcoating

\*NOTE: Option 1 and 2 the OEM Blend area must be scuffed or sanded completely dull



### 7. SUBSTRATES (Properly Prepared)

- All Matrix Refinish Basecoats
- Existing OEM Finishes



### 8. TECH NOTES

- Thorough preparation and cleaning procedures must be followed to ensure acceptable finish results as MS-100 **cannot** be polished.



### 9. APPLICATION

- Apply 2 even wet coats allowing first coat to completely flash to a dull appearance.



### 10. FLASH / DRY TIMES

AIR DRY @ 77°F (25°C)

Flash Time	Until surface is completely dull
To Deliver	16-24 hours

FORCE DRYING @ 140°F (60°C)

- Not Recommended



### 11. SPRAY GUN SET UP

HVLP/LVLP - Fluid Tip Size	1.3 mm - 1.5 mm
----------------------------	-----------------

AIR PRESSURES

- Refer to spray gun manufacturer's recommendations for regulatory compliance



### 12. PHYSICAL DATA

RTS REGULATORY DATA	6:1	
	LBS./GAL.	g/L
Actual VOC	3.11	373
Regulatory VOC (less water and exempt solvents)	4.40	527
Density	7.84	939
	WT. %	VOL. %
Total Solids Content	27.9	35.6
Total Volatile Content	72.1	64.4
Water	0	0
Exempt Compound Content	24.7	29.4
Coating Category	Clearcoat	

### NOTES

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.

**Matrix Systems products are not recommended for use in temperatures below 65°F. Use below these temperatures will effect dry times and performance.**