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  To Deliver
    Until surface is completely dull 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

12. PHYSICAL DATA
    RTS REGULATORY DATA
    | 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.

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