MS-30 Super Speed Urethane Clearcoat

GENERAL INFORMATION
MS-30 Super Speed Urethane Clearcoat combines fast drying with high gloss. MS-30 Super Speed Urethane Clearcoat is a medium solids clear that offers three premium hardeners to provide consistent results over a wide range of conditions.

1. COMPONENTS
   - MS-30: Super Speed Urethane Clearcoat
   - MH-005: Normal Premium Hardener
   - MH-006: Slow Premium Hardener
   - MH-008: Very Slow Premium Hardener

2. MIXING RATIO (4:1)
   - Mix four (4) parts MS-30 Super Speed Urethane Clearcoat with one (1) part MH Series Hardeners.

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
   - Accelerator: N/A
   - Retarder: 5% per sprayable quart. Retarder MR-899 will retard, or slow the initial dry allowing slightly more time for overspray to melt in to the surface when spraying in high temperatures, high humidity, or large jobs
   - Fisheye Eliminator: 1/2oz per sprayable quart. MX-01 is generally discouraged, however, when used as recommended, it may help minimize the surface reaction to contamination. The use of this additive is not a substitute for proper cleaning and preparation.
   - Flatting: See flattening table below.
   - Flex Additive: 10% to ready to spray MS-30.

6. SURFACE PREPARATION
   - 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: Adding additional materials to a ready-to-spray product will increase the VOC as applied. Check mixture and local regulations to assure compliance

7. TOPCOATS
   - Matrix does not recommend nor warranty the blending of clear coats. Over reduction or solvent blending of the clear coat will become visible over time due to UV exposure on the blended edge. The edge may also fade or peel over time due to the minimal film thickness of the blended edge.
   - Matrix recommends applying clear coat to the entire panel. Many of today’s late model cars do not have a distinct edge or a break line on the quarter panel, in these cases Matrix recommends applying the clear coat to the roof and the opposite quarter panel.
   - This procedure will assure a professional repair, that returns the vehicle back to pre accident condition

8. TECH NOTES
   - N/A

9. SUBSTRATES
   - All Matrix Refinish Basecoats
   - Existing OEM Finishes

10. APPLICATION
    - Apply two (2) to three (3) single wet coats.
    - Where clearcoating can’t be continued to edge of panel the clearcoat can be “melted” with MX-840 EZ Blend Edge Blender
    *See Notes for additional information

11. FLASH / DRY TIMES
    AIR DRY @ 77°F (25°C)
    - Flash (after 1st coat): 5-10 minutes
    - Flash (after 2nd coat): 5-10 minutes
    - Out-of-Booth: 15-30 minutes depending on temp
    - Deliver/Polishing/Recoating: 3+ hours

    Force Drying @ 140°F (60°C)
    - Purge Time: 10 minutes
    - Bake Time: 30 minutes
    - Deliver/Polishing/Recoating: After 1 hour cool down

    NOTE: Dry times may vary due to temperature, humidity, film thickness and airflow. If extreme color sanding and buffing is needed allow overnight dry time.

12. SPRAY GUN SET UP
    - HVLP/LVLP - Fluid Tip Size: 1.3 mm - 1.4 mm
    - AIR PRESSURES
      - Refer to spray gun manufacturer’s recommendations for regulatory compliance

13. PHYSICAL DATA
    SEE PAGE 2
13. PHYSICAL DATA

### RTS REGULATORY DATA WITHOUT ADDITIVES

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<tr>
<td>Regulatory VOC</td>
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<tr>
<td>Density</td>
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<tr>
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<tr>
<td>Coating Category</td>
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### WORST CASE RTS REGULATORY DATA WITH ADDITIVES

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*NOTE: US Regulations allow for the use of exempt compounds for VOC calculations.*