MP-810
Plastic Adhesion Promoter

GENERAL INFORMATION
MP-810 Plastic Adhesion Promoter is designed to promote adhesion on commonly used automotive interior and exterior plastics including Thermopolyolefin (TPO), Polyvinyl Chloride (PVC), Reaction Injection Molded Polyurethane (RIM) and Polypropylene (PPO).

1. COMPONENTS
• MP-810 Plastic Adhesion Promoter

2. MIXING RATIO
• Ready to Use

3. POT LIFE @ 77°F (25°C)
• Indefinite

4. CLEAN UP
• Use Matrix Reducers (check local regulations)

5. ADDITIVES
• N/A

6. SURFACE PREPARATION
• Spray surface with MXW-9001 Low VOC Cleaner/Degreaser and wipe dry with clean cloth before product evaporates
• Scuff surface with P600 grit wet or dry sandpaper or gray/yellow scuff pad
• Respray surface with MXW-9001 Low VOC Cleaner/Degreaser and wipe dry with clean cloth before product evaporates
NOTE: Matrix System products are not recommended for use when panel temperature is below 60°F.

7. TOPCOATS
• All Matrix topcoats

8. TECH NOTES
• N/A

9 SUBSTRATES
• Commonly used automotive interior and exterior plastics
• TPO -Thermopolyolefin
• RIM- Reaction Injected Molded Polyurethane
• PVC - Polyvinyl Chloride
• PPO - Polypropylene
NOTE: Not to be used on polyethylene or silicone rubber

10. APPLICATION
• Spray one (1) medium coat allowing minimum flash of five (5) minutes, maximum flash of 20 minutes before applying sealer or topcoat
NOTE: Do not spray when surface temperature is below 60°F (15°C)

11. FLASH / DRY TIMES
AIR DRY @ 77°F (25°C)

Flash between coats	5 Minutes
Tape Topcoat	15 Minutes
To Re-coat	4 Hours (maximum)

12. INFRARED CURE
• N/A

13. SPRAY GUN SET UP

Conventional Spray Gun	
Gravity Feed	1.3 mm - 1.4 mm
HVLP	
Gravity Feed	1.3 mm - 1.4 mm

AIR PRESSURES (@ the gun)	
Conventional Spray Gun	
Gravity Feed	20-30 psi (1.5-2.0 bar)
HVLP	
Gravity Feed	20-30 psi (1.5-2.0 bar)
See spray gun manufacturer	

14. PHYSICAL DATA

RTS REGULATORY DATA:	AS IS	
	MP-810	
	LBS./GAL	g/L
Actual VOC	0.68 Max.	81 Max.
Regulatory VOC (less water and exempt solvents)	4.5 Max.	540 Max.
Density	7.5 - 8.5	900 - 1020
	WT.%	VOL.%
Total Solids Content	2 - 10	2 - 10
Total Volatile Content	90 - 98	90 - 98
Water	0	0
Exempt Compound Content	85 - 95	85 - 95
Coating Category	Adhesion Promoter	

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

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