



www.medallionrefinish.com

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MRS-4820

TECHNICAL DATA

Low Gloss Clearcoat

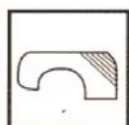
DESCRIPTION:

MRS-4820 Low Gloss Clearcoat is a fast cure urethane clearcoat designed for both the underside of hoods, trunk lids and also the backside of fenders. It utilizes a 4:1 mix ratio with the 4800 series activators.



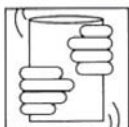
FEATURES:

- ✓ Even Satin Finish
- ✓ Excellent leveling
- ✓ Superior sag resistance
- ✓ Minimal over-spray migration
- ✓ Very flexible
- ✓ Can be mixed with RS-4810 for different gloss levels
- ✓ Long-term durability
- ✓ Guaranteed performance



COMPATIBLE SURFACES:

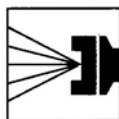
- Acrylic or polyester basecoats
- Activated polyurethane enamel (must be cured at least 8 hours)
- Activated acrylic urethane enamel (must be cured at least 8 hours)



INSTRUCTIONS:

Make sure product is at room temperature 72°F (22.2°C) before mixing

GUN SETUP:



Conventional Gravity	1.3mm -1.4mm	40-45 psi @ gun
Siphon	1.3mm -1.4mm	40-45 psi @ gun
HVLP gravity	1.3mm -1.4mm	8-10 psi @ gun

Fluid Adjustment for 1.3 mm nozzle—turn out 3 full turns

Fluid Adjustment for 1.4 mm nozzle---turn out 2 ½ turns

MIXING:

Shake well before mixing. Mix 4 parts **MRS-4820 Low Gloss Clearcoat** to 1 part activator, according to temperature and area



4.2 V.O.C. Compliant

RS-4860	"Rapid Cure" Spot & Panel Activator	
RS-4870	Velocity Series Panel Activator	55°F-65°F (12.8°C-18.3°C)
RS-4880	Velocity Series Multi-Panel Activator	65°F-85°F (18.3°C-29.4°C)
RS-4890	Velocity Series Slow Activator	85°F-95°F (29.4°C-35.0°C)

MRS-4820-TDS
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NOTE: use slow or x-slow reducer for bake applications

Special Hot Weather Note:

For spray temperatures over 100°F (37.8°C) add 1 oz. of **RS-1899 Retarder Solvent** per sprayable quart of clear to improve flow, leveling and cure through.

APPLICATION:

1. Apply basecoat color per recommended procedures.
Note: Allow activated polyurethane and acrylic enamel systems to cure at least eight hours.
 2. Apply two wet coats of **MRS-4820 Low Gloss Clearcoat** using 40-45 psi at the gun for conventional guns and 8-10 psi for an HVLP gun.
 3. Allow 5 minutes flash between coats.
 4. Dry Times:
 - Dust Free: 10-15 minutes depending on temperature and activator selection
 - Tack Free: 10-15 minutes
 - Force Dry: 10 minutes @ 120°F (49°C)
 - Delivery: Air Dry 6-8 hours
 - Bake After cool down
 - Time to stripe:
 - Air Dry 1.5-2 hours (special care should be taken for first 24 hours)
 - Bake 1 hour after cool down
 - Time to decal:
 - Air Dry 24 hours
 - Bake 24 hours
 - Time to recoat
 - Air Dry 3-4 hours @ 70°F
 - Bake After cool down
- If recoating after 24 hours, scuff sand with 1200-1500 grit Sandpaper before recoating.



TIPS FOR SUCCESS:

- Use clean micro-fiber cloths and pads to minimize scratching of the clearcoat.

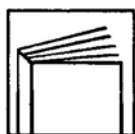
Medallion™
Refinish System

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TECHNICAL DATA

Color	Water Clear
Activator/Hardener	RS-4870, 4880, 4890
Reducer	MRS-165,175,185 (adding standard grade reducer will increase VOC)
Mix Ratio	4:1
Pot Life	1 hour @ 72°F (22.2°C) 50% RH
Number of Coats	2 Full Wet Coats
Flash Time—Air Dry	5 minutes
Force Dry	5 minutes
Dust Free	10-15 minutes
Dry to Sand 70°F (21°C) 50% RH	N/A
Delivery--Air Dry	6-8 hours @ 72°F (22.2°C)
Force Dry	After Cool Down
Force Dry (metal temperature)	10 minutes @ 120°F (49°C)
Gun Set-Up Gravity Feed (HVLP)	1.3mm – Turn out 3 full turns 1.4mm – Turn out 2 ½ full turns
Air Pressure @ Gun, HVLP	8 – 10 psi
Air Pressure @ Gun, Conventional	40 -45 psi
Dry Film Thickness / coat (DFT)	1.0
Regulatory Limits	4.2 lbs/gal (504 g/l)
Regulatory V.O.C.	3.79 lbs/gal (478 g/l)
Actual V.O.C.	3.17 lbs/gal (385 g/l)
% Solids Sprayable by Weight	47.7%
Coverage Sq. Ft. / gal @ 1 mil*	609
Package	
Clear	1 quart (.9463 Liters)
Activators	1 quart (.9463 Liters), 8 ozs. (.2365)
Number per case	6
Shelf Life	12 months

Material Safety Data Sheet (MSDS) is available on our website
www.rubber-seal.com

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