

MRS-4524

TECHNICAL DATA

VARI-GLOSS 2.1 VOC Low Gloss Clearcoat

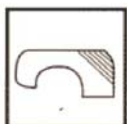
DESCRIPTION:

MRS-4524 VARI-GLOSS Low Gloss Clearcoat is a fast cure urethane clearcoat designed for the underside of hoods, trunk lids, back sides of fenders and any where a low gloss clear is needed. The gloss level is variable depending on the mix ratio of clearcoat and activator.



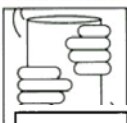
FEATURES:

- ✓ Excellent leveling
- ✓ Contains UV Inhibitors-can be used on exterior panels
- ✓ Superior sag resistance
- ✓ Minimal over-spray migration
- ✓ Very flexible
- ✓ Available in quarts & gallons
- ✓ Uses MRS-4525 Standard Activator
- ✓ 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:

HVLP gravity

1.2mm -1.4mm

8-10 psi @ gun

Fluid Adjustment for 1.2 mm nozzle—turn out 3 full turns

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

Medallion™
Refinish System

MIXING:



Shake well before mixing. Mix MRS-4524 *Vari-Gloss 2.1 VOC Low Gloss Clearcoat* with MRS-4525 2.1 VOC Low Gloss Clearcoat Standard Activator according to desired gloss. 4:1 Semi Gloss, 5:1 Eggshell, 6:1 Flat

Optional: 5% reduction

Zero VOC Reducer (MRS-165, 175, or 185)

No VOC Reducer (PS-265, 275 or 285)

MRS-4524 *Vari-Gloss 2.1 VOC Low Gloss Clearcoat*-gallon

MRS-4524-Q *Vari-Gloss 2.1 VOC Low Gloss Clearcoat*-quart

MRS-4525 *Vari-Gloss 2.1 VOC Low Gloss Activator* Standard-quart

MRS-4525-8 *Vari-Gloss 2.1 VOC Low Gloss Activator* Standard-8 oz.

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-4524 *Vari-Gloss 2.1 VOC Low Gloss Clearcoat*** using 40-45 psi at the gun for conventional guns and 8-10 psi for an HVLP gun.
3. Allow 10-15 minutes flash between coats.



TIPS FOR SUCCESS:

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



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TECHNICAL DATA

Color	Opaque
Activator	MRS-4525
Reducer	MRS-165, 175, 185
Mix Ratio	4:1, 5:1 or 6:1 Reducer Optional
Pot Life	60 min. (72°F (22.2°C) 50% RH
Number of coats	2-3 full wet coats

Flash Time between coats	10-15 minutes
Flash Time before bake (purge)	15 minutes
Dust Free	10 minutes
Tack Free	10-15 minutes
Dry to Sand (72°F (22.2°C) 50% RH	N/A
Bake @ 140°F (60°C	30 minutes

Delivery time	
Air Dry	8-12 hours
Force Dry (metal temp.)	After cool down

Time to stripe/decals	
Air dry	24 hours
Bake	After cool down

Time to recoat	
Air Dry	8-12 hours @ 70°F to 75°F
Bake	Immediately after cool down

If recoating after 24 hours, sand with 1000 grit sandpaper before recoating.
On sand-thru areas, apply heat before applying additional coatings to eliminate featheredge lifting.

Gun Set-up Gravity Fed (HVLP)	1.2mm-1.4mm
Air Pressure @ Gun (HVLP)	8 – 10 psi
% Solids Sprayable by weight	35% with MRS-4525 (unreduced)
Coverage (sq. ft. / gal @ 1 mil)	560
Shelf Life (unopened)	12 months

Package	
Clear	quarts & gallons
Activator	8 oz. & quart

Number per case	
Quarts	6
Gallons	4

Health and Safety:

See Material Safety Data Sheet and labels for additional safety information and handling instructions.

- * The contents of this package may have to be blended with other components before the product can be used. Before opening the packages, be sure you understand the warning messages on the labels and MSDS's of all components, since the mixture will have the hazards of all its parts.
- * Improper handling and use, for example, poor spray technique, inadequate engineering controls and or lack of Personal Protective Equipment (PPE), may result in hazardous conditions or injury.
- * Follow spray equipment manufacturer's instructions to prevent personal injury or fire.
- * Provide adequate ventilation for health and fire hazard control.
- * Follow company, product MSDS and respirator manufacturer's recommendations for selection and proper use of respiratory protection. Be sure employees are adequately trained on the safe use of respirators per company and regulatory requirements.
- * Wear appropriate PPE such as eye and skin protection. In the event of injury, see first aid procedures on MSDS.

Material Safety Data Sheet (MSDS) is available on our website
www.medallionrefinish.com

MRS-4524-TDS
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