

## MRS-4250

## TECHNICAL DATA

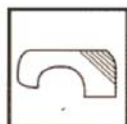
### High Sheen Hot Rod Black

#### DESCRIPTION:

**MRS-4250 High Sheen Hot Rod Black 2.8 V.O.C.** is a 2 component acrylic urethane coating. It mixes 4:1 with **MRS-4255 Regular** or **MRS-4260 Slow Activator**. **MRS-4250 High Sheen Hot Rod Black 2.8 V.O.C.** is an excellent coating for restoration, striping, coating frames, engine compartments, or any place a semi-gloss finish is needed. This coating is formulated to withstand the same atmospheric conditions as any single-stage urethane system. **MRS-4250 High Sheen Hot Rod Black 2.8 V.O.C.** is compliant in California

#### FEATURES:

- ✓ Even texture/sheen finish
- ✓ Excellent leveling
- ✓ Excellent adhesion
- ✓ Excellent chemical resistance
- ✓ Flexible
- ✓ Long-term durability
- ✓ Guaranteed performance

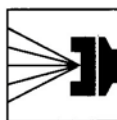


#### COMPATIBLE SURFACES:

Rigid plastics (properly prepared)  
 Self-etch and epoxy primers  
 Polyester and urethane primers  
 OEM finishes

#### 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

**Medallion™**  
*Refinish System*

**PREPARATION:**

Surface should be cleaned of all grease, oil, dirt, rust, etc before applying **MRS-4250 High Sheen Hot Rod Black 2.8 V.O.C.** Wash area with soap and warm water. Thoroughly clean area with **RS-608 Slow Wax and Grease Remover** or **RS-609 Wax and Grease Remover**. **RS-612 Low V.O.C. Pre Clean** must be used where VOC restrictions apply.

**PREPARATION:**

**Cold Rolled Steel, Galvanized Steel & Galvaneal:**

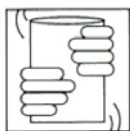
Sand area with 180-220 grit sandpaper. Reclean with wax and grease remover.

**Aluminum:**

Scuff surface with a red scuff pad **RS-924 General Purpose Maroon Pad** or equivalent. Reclean with wax and grease remover. **Do not use coarse grit sandpaper.**

Apply a pre-treatment primer (RS-786 2K Self Etching Primer) and allow to dry. Apply primer surfacer and allow to cure. Sand primer surfacer with 180-220 grit sandpaper. If applying a sealer over the primer surfacer, finish sand with 320-400 grit sandpaper. If applying **MRS-4250 High Sheen Hot Rod Black 2.8 V.O.C.** directly over the primer surfacer, finish sand with 400-500 grit sandpaper.

**Note: MRS-80 DTAM Primer Surfacer is a primer surfacer that can be applied direct to metal and eliminates the pre-treatment primer step.**



**MIXING:**

Make sure product is at room temperature 72°F (22.2°C) before mixing. Shake well before mixing. Mix 4 parts **MRS-4250 High Sheen Hot Rod Black 2.8 V.O.C.** to 1 part activator according to temperature and size of area being sprayed.



**2.8 V.O.C. Compliant**

**RS-4255** High Sheen Hot Rod Black Regular Activator up to 70°F (21.1°C)

**RS-4260** High Sheen Hot Rod Black Slow Activator over 70°F (21.1°C)

**APPLICATION:**

Apply 1 full wet coat followed by 1 medium coat. Allow 5-10 minutes flash time between coats. Applying 2 full wet coats will provide slightly higher gloss.



**TIPS FOR SUCCESS:**

- ❖ **For higher gloss apply 2 full wet coats instead of 1 full wet coat followed by 1 medium coat.**



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## TECHNICAL DATA

Color	Satin Black
Activator	MRS-4250 Regular
	MRS-4260 Slow
Reducer	MRS-165, 175, 185
Mix Ratio	4:1 Reducer Optional
Pot Life	60 min. (72°F (22.2°C) 50% RH
Number of coats	One full wet coat followed by 1 medium
Flash Time between coats	5-10 minutes
Flash Time before bake (purge)	15 minutes
Dust Free	10-15 minutes
Tack Free	15-20 minutes
Dry to Sand (72°F (22.2°C) 50% RH	Not Required
Bake @ 140°F (60°C	10 minutes
Delivery time	
Air Dry	4-6 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	3-4 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)	1.3mm-1.4mm
Air Pressure @ Gun (HVLP)	8 – 10 psi
% Solids Sprayable by weight	36% with MRS-6375 (unreduced)
Coverage (sq. ft. / gal @ 1 mil)	480
Shelf Life (unopened)	12 months
Package	
Clear	Gallon (3.785 liter)
Activator	Quart (.9463 liters)
Number per case	2

Material Safety Data Sheets are available at [www.medallionrefinish.com](http://www.medallionrefinish.com).

### 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.
- \* Always observe all applicable precautions and follow good safety and hygiene practice.

Material Safety Data Sheet (MSDS) is available on our website  
[www.rubber-seal.com](http://www.rubber-seal.com)

MRS-4250-TDS  
Revised 7/13