



# RustProof M/D™ Coatings

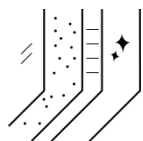
RustProof M/D™ coatings have one purpose... to stop rust! The advanced technology in these products provide direct-to-metal adhesion and exceptional rust preventative durability. RustProof M/D™ coatings are 50 state compliant single stage, moisture curing urethane products with built-in UV resistance to chalking and fading. Once cured, these products form a non-porous seal that keeps oxygen, moisture, and other elements away from the coated surface. RustProof M/D™ coating can be used for automotive applications, farm, agricultural, manufacturing, and dozens of other projects.

## PERSONAL PROTECTION



- Read label, directions, and SDS before use
- Refer to SDS for specific information
- Wear a NIOSH approved organic vapor respirator when using this product
- Wear a NIOSH approved dust particulate mask when sanding, mixing, or applying
- Keep product, paint, and overspray off of the skin, wear goggles, coveralls, and chemical protective gloves when using this product

## SUITABLE SUBSTRATES



- OEM Finishes
- Cured Automotive Finishes
- Minimally prepared metal and aluminum surfaces
- Sound rusted metal (loose rust must be removed)

## APPLICATION

The RustProof M/D™ coatings application process follows 3 simple steps.

### 1. Clean and prepare the substrate



- For best results the surface must be clean, dry, and in sound condition.
- Clean with the RustProof M/D™ Surface Cleaner, AERRP200, to remove all wax, grease, and additional harmful residue
- Remove all loose rust and debris with gray scuff pad , P320 grit sandpaper, or wire brush

### 2. Spray the aerosol cleaner



- Now that the surface is clear of loose debris, use the RustProof M/D™ Surface Cleaner, AERRP200, again to remove remaining contaminants
- After spraying AERRP200, wipe the surface dry with a clean cloth



### 3. Apply RustProof M/D™ coatings



- We recommend chip brush, foam brush, roller, or spraying application methods
- Begin by stirring the selected color thoroughly for several minutes to ensure adequate mixing is achieved
- Pour necessary amount of paint to finish your project into another container and seal the original RustProof M/D™ can immediately. This will help to safeguard the contents from prolonged exposure to the air.
- Apply a minimum of 2 thin coats to achieve proper coverage. The ideal dry film thickness is 4 mils once complete.
- Allow the first coat to dry 2 - 5 hours before applying the second coat. Once the first coat is dry, apply the second coat and allow to dry an additional 2 – 5 hours.
- If additional coats are required, continue to follow the recommended time between coats.
- If spraying, mix 4 parts RustProof M/D™ color with 1 part RP300 Spray Reducer. Our recommendations for equipment are:
  - Gun Type: HVLP Gravity Feed
  - Nozzle: 1.3-1.5
  - Air Pressure: 26 PSI at the gun
- Follow the same guidelines listed above for dry film thickness and time between coats.

#### **IMPORTANT!**

- **DO NOT shake!**
  - Shaking or agitating the can will introduce air bubbles into the coating that could be visible in the final appearance.
- When transferring paint into a new container, make sure the groove opening is clean before sealing the can. This will make re-opening the can easier.

#### **Recoating**

- **RustProof M/D™ Coatings with itself**
  - Spray the AERRP200 aerosol cleaner, and wipe clean prior to recoating. After 72 hours scuff the surface with P320 grit sandpaper until the surface is dull and then spray the aerosol cleaner prior to recoating.
- **RustProof M/D™ Coatings with Martin Senour® topcoat**
  - Prolonged exposure to the sun may require additional UV protection. The RustProof M/D Gloss White, RP103, may even show signs of yellowing if exposed to extended amounts of sunlight.
  - For added UV protection, apply the appropriate Martin Senour topcoat:
    - PCC® Premium Commercial Coatings
    - Prism® Commercial Refinish System
  - Spray the AERRP200 aerosol cleaner, and wipe clean prior to applying a new topcoat. scuff sand after 24 hours and fully sand after 72 hours. After 72 hours, scuff the surface with P320 grit sandpaper until the surface is dull and then spray the aerosol cleaner prior to applying a new topcoat.



## DRYING SCHEDULE AND CONDITIONS



- Ideal temperature range for application is 50°F - 85°F and 40 – 50% humidity.
- RustProof M/D™ coatings technology can be adversely affected by moisture in the atmosphere. If possible, refrain from applying RustProof M/D™ coatings during rainy or humid conditions.
- Humid conditions may cause shortened cure times which can cause blushing, solvent entrapment, or popping.
- Drying schedule reminder:
  - First coat dry to the touch: 2 - 5 hours
  - Second coat dry to the touch: 2 - 5 hours
  - Full Cure: 24 hours

## REGULATORY DATA

RustProof M/D™ Gloss Dark Gray				
4-PARTS RP104	1-PART RP300			
Volatile Organic Compounds (follows U.S. EPA VOC Data Sheet)				
Regulatory Data	As Packaged		As Applied	
	lb/gal	g/l	lb/gal	g/l
Density	10.77	1289	1087	1266
	% by weight	% by volume	% by weight	% by volume
Total Volatiles	20.8	30.9	35.4	44.7
Water	0.0	0.0	0.0	0.0
Exempt Compounds	0.0	0.0	18.5	20.0
Organic Volatiles	20.8	30.9	16.9	24.7
Percent Non-Volatile	79.2	69.1	64.6	55.3
	lb/gal	g/l	lb/gal	g/l
VOC Total	2.23	267	1.78	214
VOC Less Exempt	2.2	267	2.2	267
Hazardous Air Pollutants (Clean Air Act, Section 112(b))				
	lb/gal	kg/l	lb/gal	kg/l
Volatile HAPS	0.30	0.036	0.24	0.029
VHAPS of Solids	0.44	0.053	0.44	0.053

## LABEL CAUTION

**See Safety Data Sheet and Labels for additional safety information and handling instructions.**

Safety Data Sheets for the products contained on this Product Data Sheet can be located at [www.martinsenour-autopaint.com/products/](http://www.martinsenour-autopaint.com/products/). Products shall not be repackaged, modified, blended, or tinted except as specifically instructed by MARTIN SENOUR PAINTS, including but not limited to the incorporation of non-MARTIN SENOUR PAINTS products or the use or addition of products in proportions not specified by MARTIN SENOUR PAINTS. Before opening the packages, **READ AND FOLLOW WARNING LABELS ON ALL COMPONENTS**. WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. For additional product information, please contact (216) 566-2917.