



## TECHNICAL DATA SHEET

### RUST PREVENTIVE COATING

**PRODUCT DESCRIPTION**      **HARDHEAD PROTECTIVE COATINGS Rust Preventive Coating** is a high solids, rust preventive coating designed to stop corrosion. This single component coating protects the surface from water, salt, chemicals and other corrosive contaminants. Rust Preventive Coating can be applied over properly prepared rust and dries to a flexible, non-porous surface that will not crack, chip, flake or peel. For applications exposed to UV light, it must be topcoated with an industrial topcoat. It is available in Gloss Black (MFI-8015) and Gloss Grey (MFI-8017). V.O.C. compliant in North America.

#### COMPATIBLE SUBSTRATES

Cleaned and Blasted Metal	MFI-550 Series DTM Primer
MFI-580 1K DTM Primer	MFI-590 Industrial Epoxy Primer

**NOTE:** All substrates need to be properly cleaned and sanded.

#### SURFACE PREPARATIONS

Remove loose rust or scale by using a stiff wire brush or grinder. Thoroughly clean the surface with a quality Wax & Grease Remover. If the surface is bare, smooth metal it is recommended to sand with 36-80 grit sandpaper or sandblast the surface to a medium profile for optimum adhesion. Prepainted surfaces can be sanded with 120-180 grit sandpaper to remove gloss. See your MFI Systems™ Representative for recommendations.

#### MIXING

Ready-to-Spray (RTS)

Optional reduction up to 10% with Zero VOC Reducer for improved flow and leveling

**NOTE: DO NOT SHAKE**, stir thoroughly. Make sure product is at room temperature (72°F/22°F) before mixing. Do not return unused product back to can after use. **BEFORE CLOSING CONTAINER, APPLY A SHEET OF PLASTIC WRAP OVER CAN AND ATTACH LID. COATING WILL ADHERE LID TO CAN IF PLASTIC IS NOT APPLIED.**

#### APPLICATION

**SPRAY:** Apply 2-4 medium wet coats, while maintaining a gun distance of 12-14 inches. Allow 3 to 8 hours between coats depending on temperature and humidity. Each coat should be dry to touch with no tackiness before applying next coat.

**ROLL-ON:** Apply thin, even coats using a nylon brush until desired coverage is achieved. Allow 3 to 8 hours between coats depending on temperature and humidity. Each coat should be dry to touch with no tackiness before applying next coat.

**NOTE:** Rust Preventive Coating should not be applied when temperatures are below (50°F/10°C). The coating will have a tendency to bubble while curing when applied to heavily.

#### CURE TIMES

**Air-dry (assumes 77°F & 50% Relative Humidity)**

**To Recoat:**      3 – 8 hrs. depending on temperature and humidity

**To Topcoat:**    3 – 24 hrs. depending on temperature and humidity (After 24 hours, sand with 400 grit)

#### See 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 SDSs of all component, 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 SDS 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 SDS.
- Always observe all applicable precautions and follow good safety and hygiene practice.
- For additional health and safety information refer to the SDS which can be found at [www.mfisystems.com](http://www.mfisystems.com)

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