TECHNICAL DATA SHEET-TDS

MRO 3030 – RUST CONVERTER
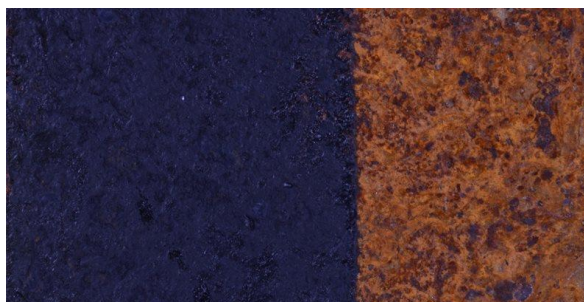## Coating

PRODUCT DESCRIPTION

'MRO 3030 RUST CONVERTER' chemically reacts and converts rust into a stable, black protective polymeric coating that serves as an excellent primer for both oil and epoxy based paints. No more sandblasting, heavy scraping, wire brushing, or grinding. 'MRO 3030 RUST CONVERTER' actually depends on a layer of rust being present in order to be effective.

Rust Converter acts in three ways:

1. Inactivates existing rust: The unstable ferric hydroxide, formed at the start of the corrosion process of iron, is transformed into an inert complex, halting the corrosion process immediately.

2. Formation of a passive protective coating: The formed complexes combine with the unique resin in Rust Converter creating a non-permeable coating, providing anti-corrosion protection.

3. Function as a primer: The cured dark grey, protective coating has an ideal structure and composition to act as a primer for future cosmetic over-painting.

BENEFITS

- No more scraping or sandblasting. Simply remove loose rust and then apply product.
- Neutralizes Rust and converts it to a tough black primer in one easy step.
- Prevents Future Rusting. Seals out moisture and other outside elements.
- Fast Drying. Second coat can be applied in 20 to 30 minutes.
- Excellent Primer. Treated surfaces can be painted over with an oil-based paint.

APPLICATION AREAS

Recommended for use on any rusted iron or steel surface

- Applications include:
- Vehicles, Trailers etc
- Railings
- Bridges
- Equipment
- Overhead Cranes
- Pipelines
- Storage Tanks
- Transmission Tower
- Fences
- Chair, Table etc

DIRECTIONS FOR USE

- Apply only when temperatures are between 12°C and 45°C. Remove dirt, grease, oil and other contaminants
- Remove blistered or loose paint and loose rust scale
- Use of rubber gloves is recommended
- Shake and stir well before using
- Pour estimated amount needed into a clean container
- Material cannot be returned to original container after use. For maximum penetration, work product into rusted surfaces with a synthetic bristle brush.
- For large areas, use a roller or an airless sprayer. Apply a 2nd coat soon after the first coat has dried (20-30 minutes). Apply in a cross direction of the 1st coat. For best results, apply 2 thin coats.
- Allow a minimum of 24 hour cure time before painting over with a finish coat.
- Clean all painting equipment immediately after use with warm water and mild detergent.

AVAILABLE PACKAGING

5 L Container

After   Before

MRO 3030 – RUST CONVERTER
Coating

Technical Properties

PARAMETER	VALUE
Colour	Brown
Appearance	Viscous Liquid
Density	1.05 g/cm^3
pH	6-8
Flash Point	None
Salt spray resistance	340 hours
Coverage	165 Sq. ft
Application Temperature	12-45°C

SHELF LIFE & STORAGE

'MRO 3030 – Rust Converter' should be protected from freezing. Store it above 12°C & below 45°C for best results. Sealing of container is utmost necessary for effective reuse of product. It has a shelf life of 24 months if kept in a dry store.

HANDLING

Read instructions on the container label of the product before use. The product safety data sheet (SDS) contains the relevant information regarding PPE, safe use, and physical & health hazards. Safety data sheet is available from MRO INFRA or your local MRO INFRA Channel Partner.

DISPOSAL

All used and unused product should be disposed of in accordance with state regulations.

LIMITED WARRANTY

The information and data contained in this sheet is accurate to the best of our knowledge or is obtained from sources, tests or experiences believed by us to be reliable and accurate. User is responsible for determining whether recommended MRO INFRA product is fit for a particular purpose. All products should be tested for suitability on a particular application prior to actual use. We make no representations of any kind. Data offered without warranty.