

PRODUCT INFORMATION

VAPPRO 887 MAGTAN

NATO STOCK # 6850.32.076.1181

Function: Vapour Corrosion Inhibitor (VCI)	Application: Rust Converter	Form: Liquid
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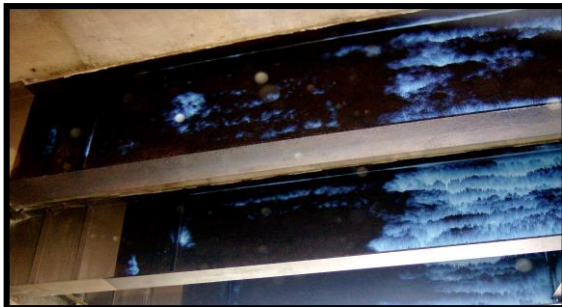
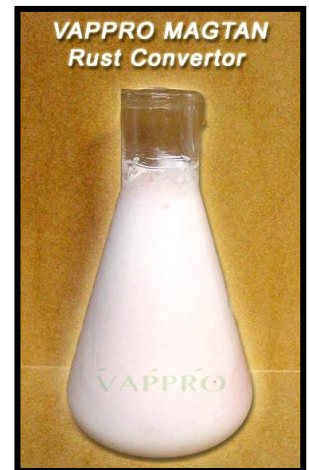
DESCRIPTION



VAPPRO 887 Magtan is a non-pigmented rust converter primer that stabilizes firm rust by conversion to a more stable form of iron. The conversion process is accompanied by a dramatic color change from a milky white to a dark shade. **VAPPRO 887 Magtan** bears the **NATO STOCK NUMBER # 6850.32.076.1181**.

THEORY BEHIND MAGTAN

Newly formed rust is chemically ferric hydroxide ($\text{Fe}(\text{OH})_3$) or iron, which has reacted with oxygen (air) and moisture. Iron can combine with oxygen to form a variety of oxides depending on conditions of exposure. One of these oxides is magnetic oxide or ferrosferric oxide (Fe_3O_4), a stable compound, which does not readily change as exposure conditions change. This stability is the basis for protection. **VAPPRO 887 Magtan** oxidizes ferric hydroxide to form an organic ferrosferric complex, which is similar to magnetite (magnetic oxide). When incorporated into a coating system, the chemical reaction of **VAPPRO 887 Magtan** is maintained.



APPLICATIONS

Because non-toxic **VAPPRO Magtan** is so versatile in the method of application it can be used in every industry.

- Automobile manufacturing repair and maintenance
- Aviation
- Chemical and petro-chemical
- Marine and mining
- General and specialist engineering works, structural and civil engineering
- Water works
- Painting contractors
- Garages, building industry, transport and offshore, etc.

DIRECTIONS FOR USE

SURFACE PREPARATION

1. Remove dirt, flake rust, wipe clean
2. Scrape off old, scaly paint, lacquers
3. If there are acids, lye or such on surface, wash off with water
4. Degrease oily surface before application of **VAPPRO 887 Magtan**

METHOD OF APPLICATION

1. Shake or stir **VAPPRO 887 Magtan** well, before use
2. Apply via brush, spray gun to surface
3. Allow 15-30 minutes drying time between coats
4. Apply a second coat where necessary
5. Surfaces warmer than 40°C should be cooled with water before application
6. If spraying: high pressure 2-4 ATU with nozzle 0.8-1.0 mm, airless nozzle 0.8-1.0 mm



After 15-30 minutes, the coated area should show a deep black color and be slightly shiny. In case of no gloss, add another thin coat.

After 12-24 hours, coated surface can be painted. Any type of paint can be used, even lacquers. In case of water-based paints cover coated surfaces with an epoxy sealant.

PACKAGING

- Case – 4 x 5 Litres container

PHYSICAL PROPERTIES

Colour	Milky White
Clarity	Emulsion Liquid
Viscosity	Free Flowing
Drying Time	Touch Dry in 15 Minutes
Coverage	15 Square Metre Per Litre
Packing	Available in 4/20/205 Litre Drums
Specific Gravity	Approximately 1.05

North & South America



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