



Your Corrosion Solution

PRODUCT INFORMATION

VAPPRO 804

Function:
Vapour Corrosion Inhibitor (VCI)

Application:
Ballast Tank

Form:
Liquid

DESCRIPTION

VAPPRO 804 is a dark liquid rust preventive coating designed to provide effective protection for ferrous metal surfaces.

VAPPRO 804 is composed of petroleum oils combined with metal wetting agents and VCI rust inhibitors.

The compound in **VAPPRO 804** enables it to penetrate rust scale and provide protection to the base metal. The coating is durable and water resistant.



FEATURES

- Can be applied over a wet surface
- Penetrates existing rust and scale
- Eliminates the need for extensive surface preparation prior to application
- Outstanding rust prevention
- Passes the **ASTM D665B** salt water corrosion test
- Conforms to Military specification **MIL-R-21006** for ships
- Water resistant during washing
- Long service life: the protective film does not dry out, harden, crack, or peel

PERFORMANCE QUALITIES

Outstanding rust prevention has been proven by extensive field testing around the world. **VAPPRO 804** conforms to the **ASTM D665B** salt water corrosion test and the simulated ballast tank test and salt spray test required for the US military specification **MIL-R-21006** for ships.

VAPPRO 804 is a superior product for mothballing refineries, power plants, ships and rigs.

DIRECTIONS FOR USE

VAPPRO 804 may be applied by spraying, brushing and, because it is lighter than water, by flotation method. **VAPPRO 804** is recommended for the arrest and prevention of rust in ship ballast tanks, voids, cofferdams, chain lockers, barge brakes and other equipment. It protects the inside surface of propeller hubs and rudder voids.

The preparation required before application of **VAPPRO 804** is minimal. If rusting is severe or silting is heavy it is recommended the loose scale or silt be removed with high pressure water spraying.

Any debris in the bottom of tanks or voids should also be removed. After preparation pour the recommended amount of **VAPPRO 804** into the compartment and then raise and lower the water level to permit **VAPPRO 804** to coat the metal surfaces.

Four passes (two fillings of the compartment with water) are recommended. Care should be exercised as the water level approaches the bottom to prevent vortexing at the drain and pumping part of the **VAPPRO 804** overboard. After flotation the overhead surfaces and air pockets that may not have been reached should be coated by spraying. Spray application can be accomplished with any type of spray painting equipment.

See the chart below for a simple calculation to determine the amount of **VAPPRO 804** required to coat a tank.

TANK HEIGHT (METERS)	FLOATING LAYER THICKNESS (MM)	<p>The following formulas can be used to determine the quantity, in liters, required to adequately coat and protect the interior of any given tank or void space where the length, width and height are known:</p> <p>Liters required = L x W x FT</p> <p>L = length in meters W = width in meters FT = film thickness in millimeters (from table)</p> <p>Where heavy accumulations of rust or scale are present it is recommended that the quantity of VAPPRO 804 should be increased by 10%.</p>
0 - 0.5	5.0	
0.5 – 1.0	6.5	
1.0 – 1.5	8.0	
1.5 – 3.0	9.5	
3.0 – 4.5	11.5	
4.5 – 6.0	12.5	
6.0 – 7.5	14.5	
7.5 – 9.0	16.0	
9.0 - 10.5	17.5	
10.5 - 12.0	19.0	
12.0 - 13.5	20.5	
13.5 - 15.0	22.0	

In small tanks with heights from 1.5 to 6 meters approximately 200 liters should be provided for each 100 kiloliters of capacity. In large tanks with heights from 7.5 to 15 meters, approximately 300 - 400 liters should be provided for each 100 kiloliters of capacity. When spraying interiors with **VAPPRO 804** 1 liter should be used for each 3.0 to 4.0 square meters of area.

CAUTION: VAPPRO 804 should not be used in tanks intended for edible oils, drinking water or on surfaces where people may walk.

PACKAGING

- 20L Pail
- 200L Drum



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