



VAPPRO 868 VCI WAX COATING

NATO STOCK NUMBER:
6850-32-076-1109

*CONFORMS TO MIL-C-83933A
& MIL-C-16173E*

DESCRIPTION

Vapro V.C.I. 868 is a dark brown thixotropic liquid with VCI corrosion inhibitors and oil based or solvent based carriers. The residual film, after solvent evaporation is highly resistant to salt water and salt spray, making Vapro V.C.I. 868 particularly useful in marine, industrial, and off-shore rust proofing applications. Vapro V.C.I. 868 provides optimal corrosion protection up to 24 months, for ferrous and non-ferrous metal exposed to outdoor environments.

ADVANTAGES

- Dry to touch film properties allow protected metal surfaces to be easily handled.
- Little surface preparation, as Vapro V.C.I. 868 will adhere to the pre-rusted surfaces.
- A thixotropic liquid, and self-healing. Thus, resistant to sag, run-off, and flow.
- Excellent U.V. resistant, providing optimal outdoor protection without cracking or chipping of protective films after prolonged exposures to sunlight.
- Universal protection for ferrous and non-ferrous metals and alloys.
- The non-conductive film with high resistivity and insulating properties effectively prevents galvanic corrosion between dissimilar metals.
- Have moisture-displacing characteristics.
- Thermally stable coatings over a broad range of temperature (30°C - 95°C).
- Applicable to the following specifications:
 - ▶ MIL-C-0083933A(MR) ▶ MIL-C-16173E GRADE 4
 - ▶ FORD M7C16A ▶ P.O.D. V5C65
- Vapro V.C.I. 868 provides high levels of corrosion resistance, up to 24 months outdoor protection in corrosive atmospheres.
- Moisture displacing and penetrating film characteristics.
- Universal protection for ferrous and non-ferrous metals and alloys.
- Easy removal by petroleum solvents.

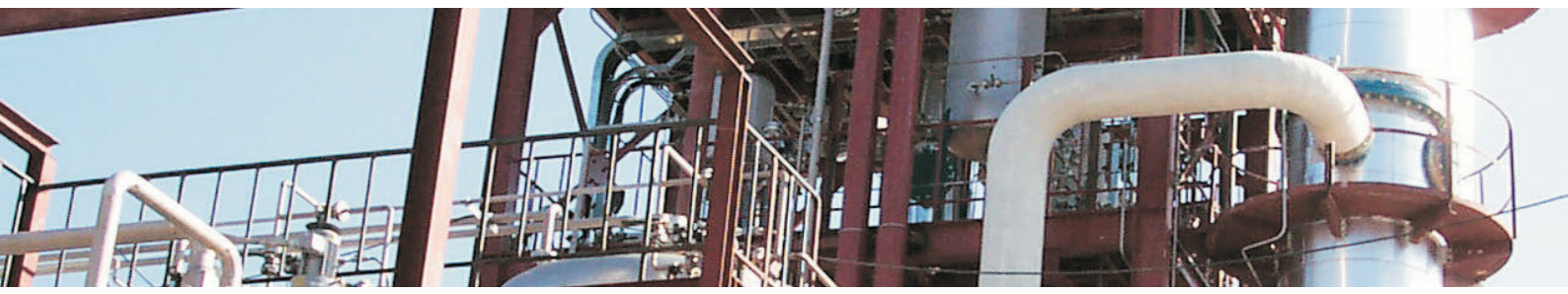
MULTI-METAL PROTECTION

Mild Steel, Wrought Iron	EXCELLENT
Copper	EXCELLENT
Cast Iron, Flake or Ductile	GOOD
Aluminum Alloys	EXCELLENT
Zinc	GOOD
Magnesium Alloys	GOOD
Brass (30% Zn)	EXCELLENT
Cadmium	ACCEPTANCE
Silver	GOOD
Copper-Nickel Alloys	GOOD
Stainless Steel	EXCELLENT
Solder	EXCELLENT
Galvanized Steel	GOOD
Aluminized Steel	GOOD

LEGEND

	EXCELLENT
	GOOD
	ACCEPTANCE
	POOR





TYPICAL APPLICATIONS

MAINTENANCE

- Protection of structural plant and equipment.
- Mothballing refineries, power plants, and chemical plants
- External surfaces of large machines, pipes, pumps, heat exchangers, etc. during standby, field storage, or operation.

PACKAGING AND SHIPPING

- Covered or uncovered packages shipped overseas and/or during extended on-site storage.

CONSTRUCTION STEELS FOR FABRICATING, STORAGE AND IN FIELD USE

- Concrete reinforcing bars, aluminum or steel sidings joints, profiles, bridges, structures, casings and steel roofs.

MARINE AND OFFSHORE

- External and internal surfaces of offshore platforms and equipment.
- Ballast tanks, storage, and process vessels.
- Castings, pumps, valves, and compressors, heat exchangers, boilers, turbines, and transformers.
- Wire rope, cable, wire, and chains.
- Internal and external surfaces of drill pipe, sucker rods, and other oil country tubular products.

OEM EQUIPMENT

- Internal and external surfaces of engines.
- Bearings, brake drums, engine components.
- Frames, cabs, stampings, castings and plate steel.
- Transmission, hydraulic pistons, cylinders, and equipment undercoating.

DIRECTIONS FOR USE

- Dipping, spraying or brushing is recommended methods of applying. Film thickness of 2 mils to 5 mils.
- For maximum protection use Vapro V.C.I. 868 in concentrate form.
- For short term protection Vapro V.C.I. 868 can be diluted 1:1 with mineral spirits.
- Vapro V.C.I. 868 can be applied over pre-rusted or oily surfaces.
- Application does not require heating of inhibitor solution or increased temperatures for drying.

SPECIFICATIONS

Appearance

Dark brown thixotropic liquid

Film Type

Dry waxy film

Carrier

Mineral spirits/Napthenic oil

Flash Point

41°C

Specific Gravity

0.85 at 25°C

AVAILABLE PACKAGING

20 Liters & 200 Liters drum

For more information about the product or any technical support, please contact us or our authorized distributor:



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