



# VAPPRO VCI-837C

## WATER BASED CORROSION INHIBITOR COATING FOR INDOOR USE

**NATO STOCK NUMBER:**

6850-32-087-9982

### DESCRIPTION

VAPPRO VCI-837C is a water based vapour corrosion inhibitor for indoor use specially developed to replace conventional oil inhibitors or solvent based coating. It is an environmentally friendly product that eliminates V.O.C. emission, commonly found in petroleum based products.

VAPPRO VCI-837C Liquid has excellent corrosion inhibition properties for combating corrosion on copper, steel, brass, iron and etc. The vapour phase inhibitors in VAPPRO VCI-837C migrate and envelope metal surfaces with corrosion protection ions. Coils, stacks and sheet metal protected by VAPPRO VCI-837C are always ready for use.

There is no cleaning or degreasing required on metals that are protected by VAPPRO VCI-837C Liquid. Hence, minimizing trade effluent discharge.

Protected metal will retain a rust free and clean surface, without affecting the conductivity properties and appearance of the metal.

### FEATURES

- Contains vapour phase inhibitors which provide multi-metal corrosion protection
- Leave a thin, self healing VCI Film
- Provides immediate corrosion protection
- No degreasing needed for protected metals
- Easy to apply
- Biodegradable
- Effective and gives up to 24 months indoor protection
- Provides up to 10 years protection for sealed void tanks
- Non-flammable





## AREAS OF USE

- Corrosion protection for all grades of cold and hot rolled steel
- Corrosion inhibition for tinplate
- Corrosion protection of metals in process between pickling and annealing after stamping
- Corrosion protection of metals after quenching and drawing processes
- Edge spray of coils and sheet stock
- Void space
- Double wall void spaces
- Protects boiler tubes, heat-exchangers against corrosion

## PHYSICAL PROPERTIES

<b>Appearance</b>	<b>Specific Gravity</b>
Clear to hazy Amber	1.02 ± 0.05
Liquid	
<b>Drying Time</b>	<b>Coverage</b>
< 30 minutes	30m <sup>2</sup> /liter to 45m <sup>2</sup> /liter
<b>Corrosion resistance</b>	<b>Removal methods</b>
Up to 24 months	Water
<b>pH</b>	<b>Flash point</b>
9 ± 0.5	Non-Flammable

## DIRECTION OF USE

By Spray or brush within enclosures or direct on metal

## AVAILABLE PACKAGING

20 Liters Pail / 200 Liters Drum

**Magna**

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