





# **VAPPRO VCI-848 VCI POWDER**

#### **NATO STOCK NUMBER:**

6850-32-076-1099 Conforms to MIL-I-22110C

#### **OVERVIEW**

Vappro VCI-848 is a unique formulation Vapour Corrosion Inhibitor Powder for dry corrosion protection of metals in recessed areas, interior cavities and voids.

Vappro VCI-848 has found considerable application as a corrosion inhibitor in low concentrations and is effective in protecting multi-metals from corrosion. It does not contain chromates or nitrites. It is easy to apply and remove by air gun or water.

#### **AREA OF USE**

- Vappro VCI-848 powder is used for dry protection of internal cavities and voids that can be covered or closed after application.
- For protection of tubular structures, pipes, heat exchangers, tanks, vessels etc.
- For protection of equipment after hydrostatic testing.
- For protection of closed circuit cooling systems- dry lay-up.
- For protection of parts, components and completed assemblies during storage and shipping.

Passed German VIA (Vapour Inhibition Ability) Test TL 8135-002

#### **FEATURES**

- Nitrites-free and does not contain Chromates
- Easy to apply
- Multi-metal protection
- Provides mono-molecular inhibiting layer
- Non-toxic

#### **ADDITIONAL BENEFITS**

- Long term protection
- Protected products can be shipped to customers without removing powder
- Easy removal: powder can be removed by air gun or water when applied as a powder
- Little or no surface preparation required





























#### **METHOD OF APPLICATION**

- Apply powder by dusting, fogging or sprinkling. After application, simply cover, seal or close the interior cavity or void.
- Fogging can be achieved by using a low pressure air hose and sandblast cup.
- For powder application, use 10 to 20 grams of VAPPRO VCI-848 per cubic foot (28 litres) of enclosed space. The dosage can be increased up to 30grams as needed for more severe conditions.
- When dissolved in water, it can be used as a liquid phase inhibitor.
- For aqueous application, use 0.75% to 1.5% VAPPRO VCI-848 by weight of water depending on the humidity and salinity of the environment.

#### **METHOD OF REMOVAL**

When required, VAPPRO VCI-848 in powder form can be easily removed by using a low pressure air gun or by a water rinse.

#### **SPECIFICATIONS**

Form

Alkalinity(as NaOH)

Powder

Not more than 0.04% as NaOH

Appearance

Water

White Powder

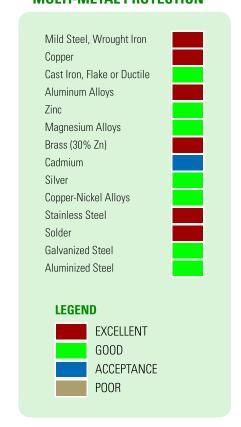
Not more than 1.5%

Melting Point 170 °C

### **AVAILABLE PACKAGING**

25 kg & 100 kg Drum

### **MULTI-METAL PROTECTION**



## Magna

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