



## VAPPRO 848 VCI POWDER

**NATO STOCK NUMBER:**  
6850-32-076-1099  
Conforms to MIL-I-22110C

### OVERVIEW

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

Vapro 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

- Vapro 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.

### 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 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 848 by weight of water depending on the humidity and salinity of the environment.

## METHOD OF REMOVAL

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

## SPECIFICATIONS

**Form**  
Powder

**Alkalinity(as NaOH)**  
Not more than 0.04% as NaOH

**Appearance**  
White Powder

**Water**  
Not more than 1.5%

**Melting Point**  
170 °C

## AVAILABLE PACKAGING

25 kg & 100 kg Drum

## 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	EXCELLENT
GOOD	GOOD
ACCEPTANCE	ACCEPTANCE
POOR	POOR

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



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