

PRODUCT INFORMATION

VAPPRO 848

NATO STOCK NUMBER # 6850.32.076.1099

Function:

Vapour Corrosion Inhibitor (VCI)

Application:

Fogging and Water Treatment

Form:

Powder

DESCRIPTION

VAPPRO 848 is a unique formulation VCI powder for dry corrosion protection of metals in recessed areas, interior cavities and voids.

VAPPRO 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 is removed by air gun or water.



FEATURES

- Non Toxic, Nitrite free and does not contain chromates
- Easy application
- Multi-metal protection
- Provides mono-molecular inhibiting layer
- Provides 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 preparation required
- It bears the **NATO STOCK NUMBER # 6850.32.076.1099**



APPLICATIONS

VAPPRO 848 powder is used for dry protection of internal cavities and voids that can be covered or closed after application. It can be used for the protection of:

- Tubular structures, pipes, heat exchangers, tanks, vessels etc
- Equipment after hydraulic testing
- Closed circuit cooling systems - dry lay-up
- Parts, components and completed assemblies during storage and shipping

DIRECTIONS FOR USE

- Apply powder by dusting, fogging or sprinkling. After application, cover, seal, or close the interior cavity or void
- Fogging can be achieved by using an air-compressor
- When dissolved in water, it can be used as a liquid phase inhibitor
- Dosage – 9 grams of VCI powder per cubic foot

PACKAGING

- 65kg drum (143.3 lbs)

PHYSICAL PROPERTIES



Form	Powder
Appearance	White Powder
Melting Point	170°C
Alkalinity (as NaOH)	Not more than 0.04% as NaOH
Water	Not more than 1.5%

Metals and Protection Results

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	ACCEPTABLE
Silver	GOOD
Copper-Nickel Alloys	GOOD
Stainless Steel	EXCELLENT
Solder	EXCELLENT
Galvanized Steel	GOOD
Aluminized Steel	GOOD

LEGEND

EXCELLENT
GOOD
ACCEPTABLE
POOR

<p>North & South America</p>  <p>1450 Government Road West Kirkland Lake, ON P2N 2E9 Canada Tel: 416 479 9151 Fax: 888 317 1993</p> <p>magna@vapro.com www.vapro.com</p>	<p>Distributed by:</p>
<p>Asia Pacific & Europe</p> <p>Magna International Pte. Ltd. 10H Enterprise Road Singapore 629834 Tel: 65 6786 2616 Fax: 65 6786 2539</p>  <p>Certificate No.: AJA00/2706</p>	