

VAPPRO 849

VCI POWDER

Function:

Vapour Corrosion Inhibitor (VCI)

Application:

Fogging and Water Treatment

Form:

Powder

DESCRIPTION

VAPPRO 849 is a unique formulation VCI powder for dry corrosion protection of metals in recessed areas, interior cavities and voids.

VAPPRO 849 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



APPLICATIONS

VAPPRO 849 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 – 10-20 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

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