



Vapro VBCI-844 CCV VBCI Powder

Provides Contact, Colloid and Vapor Corrosion Inhibition Properties

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

NATO STOCK NUMBER: 6850-32-080-3251

The World First Revolutionary VBCI Powder to Combat Corrosion Caused by Seawater During Hydrostatic Testing by Providing Contact, Colloid and Vapor Inhibition.

Overview

Vapro VBCI-844 CCV VBCI Corrosion Inhibitor passed German VIA (Vapour Inhibition Ability) Test TL 8135-002

Vapro VBCI-844 CCV VBCI Powder hailed as a technical breakthrough in corrosion control, it is the world's first revolutionary corrosion inhibitor that provides Contact, Colloid and Vapour Inhibition to ferrous against corrosion caused seawater.

It can be used for hydrostatic testing of pressure vessels, protection of storage tanks and ballast tanks using seawater.

Vapro VBCI-844 CCV VBCI Powder protects metals in sea water with salinity up to 35 0/00 or 35,000 mg/l. It eliminates the dependence of using fresh water for hydrotesting of storage tanks and piping systems where it requires voluminous volume.

Vapro VBCI-844 CCV VBCI Powder Inhibits Ferrous Metals Against Corrosion in Sea Water

Hydrotest can now be carried out safely with sea water onboard ships, rigs, offshore equipment, pipes and tanks without experiencing the dire consequences of corrosion.

Ballast tanks can now be protected without the need of using oil or solvent coating. Simply flood the ballast tank with sea water and add 0.03 percent of Vapro VBCI-844 CCV Powder by weight to the volume of sea water in the ballast tank.

Vapro VBCI-844 CCV VBCI Powder has found considerable application as a corrosion inhibitor in low concentrations and is effective in protecting ferrous metals against corrosion in sea water. It does not contain chromates or nitrites and is essentially non-toxic.



Advantages

- Effectively protects ferrous metals against corrosion in sea water with salinity up to 35 PPT or 35,000 mg/L
- Free from Nitrites.
- Free from chromates.
- Eliminates the need of using fresh water for hydro testing without experiencing the dire consequences of corrosion.
- Low dosage.
- Essentially non-toxic.
- Economical.
- Does not contain ozone depleting substances.
- No other VCI corrosion inhibitor performs as effectively, reliably and consistently as Vapro VBCI-844 CCV



Areas of Use

- Hydroblasting, hydrostatic testing of piping system
- Tanks, casing, pumps, valves.
- Tubulars and piping systems exposed to sea water.
- Ballast tanks.
- Cooling system using sea water.

Procedure For Incorporating Vapro VBCI-844 CCV Powder With Hydrotest Water For Storage Tank

- Calculate the volume of the system to be hydrostatically pressure tested.
- Add Vapro VBCI-844 CCV powder to sea water at a dosage of 0.03% to 0.05% by weight depending on the salinity of sea water.
- Agitate the mixture for even dispersion with vortex.
- Carry out pressure test.

Typical Properties

Form
Powder

Appearance
White Powder

Solubility In Water
Yes

pH
8 (1% aqueous solution)

Available Packaging

25 kg / 180kg fibre drum

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