



Your Corrosion Solution

PRODUCT INFORMATION

VAPPRO 841

VCI Powder for Hydro-Static Testing

Function:
Vapour Corrosion
Inhibitor (VCI)

Application:
Hydrostatic Testing

Form:
Fine Powder

DESCRIPTION

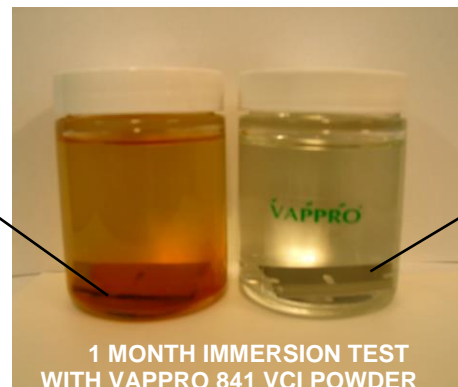


VAPPRO 841 is an odourless VCI powder specially developed to inhibit both ferrous and non-ferrous metals from corrosion after hydro-test. It eliminates the formation of corrosion due to residual water after draining hydro-test water. **VAPPRO 841** eliminates the need to force dry the piping system after pressure testing and flushing. It reduces downtime caused by formation of corrosion in piping system which can result in seized valves, blocked pipe-work and potential damage to downstream process equipment.

VAPPRO 841 is also an excellent product for dry corrosion, protection of metals in recessed areas, interior cavities and voids.



Without
VCI



With VCI

1 MONTH IMMERSION TEST
WITH VAPPRO 841 VCI POWDER

FEATURES

- Non-toxic
- Easy application
- Multi-metal protection
- Does not contain chromates and heavy metals
- Does not contain ODS (Ozone Depleting System).
- Little or no surface preparation required
- Protected products can be shipped to customer without removal of water or powder for dry corrosion protection of metals
- Nitrite free
- Biodegradable
- Environmentally friendly
- Eliminates formation of corrosion due to residual water.

APPLICATIONS

- Process pipe-work and vessels
- Tanks, casing, pumps, valves
- Tubular structures, boiler pipe work
- Heat exchangers
- Additive to standing water
- Hydro-blasting, hydrostatic testing

PROCEDURE FOR INCORPORATING 841 VCI POWDER INTO HYDROTESTING WATER

- Calculate the volume of the system to be hydrostatically pressure tested
- Add **VAPPRO 841** VCI Powder to test water at a rate 1% by weight of water depending on the humidity and salinity of the environment where pipes will be stored.
- For water tanks, use 0.5%-0.75% of **VAPPRO 841** VCI Powder by weight of water.
- Agitate the mixture for even dispersion
- Carry out pressure test
- Drain down system and seal all vents

PROCEDURE FOR DRY CORROSION PROTECTION OF TUBULARS

- Protects up to 1 cubic ft (28 litres) per 30 grams of powder
- Calculate the volume of the structure to be preserved. By means of a spray gun, fog the desired amount of **VAPPRO 841** and seal all vents

PACKAGING

- 45.5kg drum (100.3 lbs)

PHYSICAL PROPERTIES

Form	Fine White Powder
Typical Particle Size On 850µm (US Standard Mesh #20) Through 45µm (US Standard Mesh #325)	0.1% Max 40% Min
Solubility in Water	Appreciable (55 grams in 100 grams at 20°C)
Density	20 to 24 lbs./cu.ft. (0.32 to 0.38 g/ml)
Odour	Odourless

North & South America



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