

Product Data Sheet



VCI2000™
SF Powder

VCI2000 POWDERS are Vapor Corrosion Inhibitor (VCI) powders for corrosion protection of metals in recessed areas, interior cavities and voids.

Features

Does not contain Silicones, Nitrites or heavy metals. Protects up to 1.0 cubic foot (28 liters) per 0.3 ounces (8.4 grams) of powder. (300g/cubic meter) Provides up to 24 months of continuous protection. Provides mono-molecular inhibiting layer.

VCI powders provide an extremely efficient dry method to protect metals within an enclosed space. The VCI vaporizes and then adsorbs on all metal surfaces, reaching every part of the metal surface, including recessed areas and interior cavities.

Benefits

Vapor-phase inhibiting action protects inaccessible and recessed surfaces. Protected products can be shipped to customers without removing powder. No regeneration required; effective for up to 24 months. If VCI layer is disturbed by moisture or opening the enclosed space, the layer is replenished by continuous vapor protection.

Little or no surface preparation required. Prevents further corrosion of the pre-coated and painted surfaces.

Easy to apply. VCI layer does not need to be removed prior to processing or use.

Very easily removed by air gun or water when applied as a powder.

Application

VCI powders are used for dry protection of internal cavities and voids that can be covered or closed after application.

Tubular structures, pipes and vessels.

Internal surfaces of compressors, turbines, engines, tanks, boilers, heat exchangers.

Dry lay-up of closed circuit cooling systems.

Equipment protection after hydrostatic testing.

Parts, components and completed assemblies during shipping and storage.

Method of Application

Apply powder by dusting, fogging or sprinkling.

After application, simply cover, close or seal the interior cavity or void. Fogging is easily achieved with a low pressure air hose and sandblast cup.

Large, conventional sandblasting systems can also be used.

For powder application with average environmental conditions,

use 0.3 ounces (8.4 grams) of **VCI-POWDER** per one cubic foot (28 liters) of enclosed space (300grams/cubic meter). The dosage can be increased for more severe conditions.

or out-doors.

Typical Properties

pH.....6.5-7.7

Form.....Powder

Appearance.....White powder

Special labeling.....None

Water Soluble ----- 100%

Limited Warranty

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