



VCI Powder – GVP100

Corrosion Inhibiting VCI Powder for both Ferrous and Non-Ferrous Metals



PRODUCT DESCRIPTION

GVP100 is a eco-friendly vapor corrosion inhibitor powder for protection of both ferrous and non-ferrous metals in void-spaces, and recessed areas. GVP100 provides an effective and efficient method to protect metal surfaces in an enclosed space for up to 24 months.

FEATURES

- **100% No nitrite**
- **100% No secondary amines**
- VCI action protects deep cavities or voids
- Monomolecular layer doesn't interfere with electrical operation or equipment
- Protects ferrous and non-ferrous metals from corrosion
- Powder is water soluble
- Efficient absorption rate while preventing corrosion
- Highly concentrated
- Able to protect insides of containers from damp during transportation
- Powder can be removed by air-gun or water-rinse
- Little or no surface preparation is required
- Enhanced protection to ferrous metals
- Protected products can be shipped or operated without removal of powder

CERTIFICATION

- Conforms to RoHS standards
- Conforms to TRGS 615
- Conforms to REACH SVHC

APPLICATIONS

- Tubular structures such as pipes, vessels and turbines
- Metal parts, components, and completed assemblies during shipping and/or storage
- Equipment protection after hydrostatic testing
- Internal surface of engines, turbines, tanks, boilers, etc.
- Wet or dry-lay up of closed circuit cooling systems
- Concrete bridge cables and/or tendons

METHOD OF APPLICATION

Apply powder by air-gun, dusting, fogging, dissolve in water or sprinkle. Please ensure even dispersal of powder around protected object. After application, simply cover and seal the void to prevent air-flow.

METHOD OF REMOVAL

Powder can be removed with ease using a low-pressure air-gun or by a water rinse. If in aqueous form, product does not require removal.

DOSAGE

100 gm/CBM Vapor Space
1 kg/CBM Fresh Water

CUSTOMIZATION

Contact X-Rust for additional customization features such as pH changes, VCI performance enhancement, color, and etc.

PACKAGING AND STORAGE

GVP100 is available in 20-25kg woven/aluminum bags with extra PP barrier, 20-25kg paper lined drums.

TECHNICAL PROPERTIES

GVP100

Appearance White, off-white powder

pH 7.2 (1% aqueous)

Vap Pressure 0.01 – 0.4mmHg

RECOMMENDED METALS TO PROTECT

- Copper
- Aluminum
- Zinc
- Nickel
- Ferrous Metals

PRECAUTIONS

Caking of powder may occur if it is exposed to moisture and dried. Avoid areas of high temperature and high heat. Avoid caking of powder by ensuring the powder is used evenly across area.

FOR INDUSTRIAL USE ONLY, NOT FOR INTERNAL CONSUMPTION, KEEP OUT OF REACH OF CHILDREN, STORE IN ROOM TEMPERATURE AT LOW HUMIDITY

PLEASE REQUEST MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION

LIMITED WARRANTY

The technical data, production information, statements, and recommendations in this product overview are based on research and testing conducted by us and overseas testing and research facilities. We believe it will serve as a reliable guideline. The physical properties stated represent typical values and are not intended for writing specifications. We advise product testing before use to ensure suitability of any intended purpose. The products manufactured by us are subject to many uses depending on different conditions, conditions which we may have no control over. We do not warrant that this product is suitable for any particular use. All claims or defective products must be made in writing within two (2) months after shipment of product to customer and prior to further processing or combining with other material and products. We shall not be liable from any damages made during use in operations not under our direct control. This warranty is exclusive of all other warranties, express, or implied, and no representative of ours or any other person is authorized to assume for us any other liability in connection with the sale of our products.



PROTECT YOUR PRODUCTS IN A SUSTAINABLE, ECO-FRIENDLY WAY