

RUST-X USA

Technical Datasheet

Product: RUST X Desiccant + Emitter
Grade: VCI 5 & 11

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Product Description

Rust-X manufactures specialty VCI EMITTERS + DESICCANT Pouch to prevent corrosion to the metallic components in the vicinity of these pouches. The specially designed pouch controls corrosion by the unique SMP Technology (Speedy Moisture Passivation) VCI Chemicals that release VCI to passivity the moisture in the surroundings and start an instantaneous action. The desiccants present in the pouch absorb moisture and trap it in the sieves of the desiccant gel.

VCI Emitters are used to protect electronic and metal components from the wrath of corrosion.

VCI stands for Volatile Corrosion Inhibitors, which have the capability to evaporate or volatiles and protect metal from corrosion.

Emitters can be placed in the vicinity of the electronic and metal components which are in an enclosed environment. The VCI molecules evaporate from the breathable membrane and provide long term corrosion protection from humidity and corrosive gases such as H₂S, NH₃ and SO₂.

The vapours do not increase in contact resistance in electrical circuits and have no adverse effect on insulating materials or high voltage corona or carbon tracking. VCI 4500 is free from nitrites, DMF, heavy metals and non hazardous for commercial use.

Product & Application Images



Application Method

Place in vicinity of components or packaging to be protected. Use of gloves while handling the components as well as immediate packaging is important.

Features

- Economical to use
- Protects up to 2 years
- Easy to install
- Regulates humidity
- Effective in adverse environmental conditions
- Multi metal Protection
- Self Adhesive Back
- RoHS compliant
- Free of Nitrites, Halogens & Phosphates

Suitable For

- Electrical Equipment
- Aerospace Equipment
- Machinery Parts
- Electrical Panels
- Electrical Motors
- Electronic Panels
- Electronic Cards and Terminal Boxes
- Telecommunication Equipment
- Remote Electronic Devices
- Guns and Ammunitions

Other Information

VCI Emitters is extremely simple and convenient to install. The device should be installed at the earliest possible time. Simply select a space within any enclosure where corrosion protection would be useful. Verify the surface to which the device will be affixed is clean and free of debris & place the pouch in the vicinity of the components to be protected.

Do not touch the pouches to any component as they may cause staining on the components if they become wet after absorbing humidity.

Disposal

Wastes should be disposed off in accordance with local regulations.

Recommendation: Do not allow product to reach sewage system.

Disposal must be made according to official regulations.

Packaging that may not be cleansed must be disposed off in the same manner as the product.

Safety Information

RUST-X Rust Preventive Oils do not contain Lead (Pb), Mercury (Hg), Cadmium (Cd), Hexavalent Chromium (Cr6), Polybrominated biphenyls (PBB), or Polybrominated di-phenylether complying with the re-stricted substances listed in Article 4(1) of the RoHS Directive. RUST-X Rust Preventive Oils are also REACH Compliant for exports to the European Union.

Declaration

This Data sheet and information it contains is considered to be accurate at the date of printing. No representation or warranty, expressed or implied is made as to the accuracy or completeness of the data and information contained in this publication. It is the User's obligation to evaluate and use products safely and within the scope advised in the data sheet and to comply with all applicable laws and regulations

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