

RUST-X USA

Technical Datasheet

Product: RUST X DESICCANT
Grade: ZORBIT + VCI

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Product Description

ZORBIT+ VCI contains natural clay based desiccants which absorb moisture along with VCI emitters which work by evaporation and neutralisation of moisture.

Desiccant is a drying agent used to lower the moisture content of air inside a closed space, such as Moisture Barrier Bag.

Desiccant is packaged in fractional units in order to facilitate its usage with a variety of bag sizes.

In order to provide a complete moisture barrier packaging assembly, desiccant must be inserted into the bag, prior to having the bag vacuumsealed.

The recommended amount of desiccant is dependent on the interior volume of the packaging, the weather conditions while packaging and the required packaging life of the material as well as the transportation mode. It is also dependent on period required to protect as well as ventilation in the area.

The pouch is packed in special Tyvek paper to enhance the strength of packing and stop any reversible release of water to the surroundings.

Do not keep in direct contact as in some cases the pouch may sweat.

Product & Application Images



Dosage

For Short Term Protection (6 months)

Zorbit + VCI (1 kg) = 10 cbm

For Long term Protection(12-24 months)

Zorbit + VCI (1.5 kg) = 10 cbm

Features

- Economical to use.
- Provides continuous protection for up to 24 months.
- Effective in polluted and humid environments.
- Doesn't interfere with electrical, optical or mechanical surface properties.
- Multimodal protection
- Quick and easy installation.
- Protects during operation and shutdown.
- Non-toxic and safe to handle.
- Contains desiccant properties.
- Compact, space-saving, unobtrusive device.
- Free of nitrites, silicones and phosphates.
- No spraying, wiping or dipping required.
- Low VOC values

Suitable For

- Zorbit Desiccant can be effectively used for:
- Operations, packaging and storage electrical equipment
 - Automotive Components
 - Marine navigation and communication electronic equipment
 - Aerospace electrical controls
 - Electric motors
 - Switching equipment
 - Fuse boxes and power boxes
 - Medical equipment
 - Electrical wireways and terminal boxes
 - Scientific and measuring instruments
 - Telecommunications equipment
 - Remote electronics devices
 - Hand-held, battery-operated devices
 - Tool-boxes, parts-storage and other containers holding metals

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. Close all the vents in the container or in the enclosed area to minimize influx of fresh moist air.

Other Information

Zorbit 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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