

RUST-X USA

Technical Datasheet

Product: RUST X HUMID- X BUCKET

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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 Humid-X Bucket functions as dual action system:

1. Dehumidification (Moisture Removal) container
2. Neutralizes moisture by Emitting VCI molecules

The results of temperature and moisture changes encompass the following scenarios:

- Seasonal Weather changes
- Between day or night,
- Due to rainfall,
- Environmental changes during shipment, storage or transportation.

The condensation of water occurring within a shipping container due to temperature changes causes settlement of moisture on the cooler parts and components. This condensation of water on parts is termed as "Container Rain".

This happens when humid air is cooled below its dew point and the moisture starts to settle on or condense on the cooler more conductive metal parts. To counteract the effect of "Container Rain" dehumidifiers can be used, which reduce the moisture content in the air hence lowering the dew point and preventing the "Container Rain" issue.

Product & Application Images



Application Method

Please make sure that only the sticker is removed.
The breathable Tyvek Membrane should not be punctured or removed.

Features

The Humid-X Bucket contains high quality, natural and safe dehumidifiers. The surrounding air is effectively dehumidified by creating a partial vacuum within the bucket that sucks in moist air and then dehumidify it (i.e. absorbs the water out of it).

The Humid-X is fitted with a breathable TYVEK membrane which is fully permeable to moisture but does not allow water to penetrate through the membrane hence trapping it within the Damp Attack Bucket (DAB).

The VCI chemicals present in the bucket evaporate and de-activate or neutralize the moisture present within the surroundings.

The bucket is contact transparent and the water level inside the bucket is visible from the outside, more so, due to the dye present in the bucket which turns the absorbed humidity turned into water as blue color liquid.

Suitable For

The Humid-X Bucket can be used for:

- Electrical Rooms
- Generator Rooms
- Moisture absorption & Preservation in the offshore equipment
- Shipping Containers with Textiles
- Metallic Components
- Automotive or steel exports
- Basements
- Closets
- Damp Areas
- Drying Rooms
- Food Grain Storage Areas
- Food Products
- Many more

Usage Instructions

Remove the Sticker on the top of the bucket for activation of the Damp Attack Bucket.

Sticker removal allows moist air to pass through breathable Tyvek membrane to the Dehumidifying agent in the bucket. Also the VCI molecules are now able to penetrate through the Tyvek membrane and evaporate out of the bucket.

Specification

Properties

Model Number	Humid-x 6 Gallons
Size	6 Gallon or 25 Ltr bucket
Moisture Absorption Capacity	Effective for 1000 sq feet for upto 6 months
VCI Properties	VCI Emission upto 2 Years

Packaging Available

6 Gallon or 25 Liter Can

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 restricted 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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