Zerust®

Corrosion Solutions for the Electronics Industry
Why Choose Zerust®?

Proven Safe, Reliable and Effective Corrosion Solutions for Electronics

Zerust corrosion inhibiting products are a cost-effective way to protect electrical components and equipment from the destructive effects of corrosion. For over 40 years, Zerust’s proprietary vapor corrosion inhibitor (VCI) technology has been proven safe and effective for protecting sensitive metals. An analysis of compatibility using recognized test procedures can be arranged with a local Zerust representative.

The Benefits of Zerust Corrosion Inhibitor Products

- Longer equipment life and sustained reliability
- Lower operating and maintenance costs
- Reduced down time and fewer repairs
- Protection from corrosion for multiple metal types
- Optional protection such as electrostatic discharge (ESD), acid-gas neutralizers

Zerust® is Safe For Electronics:

- Does not affect the functionality of circuitry
- Does not harm printed circuit boards and sensitive ICs
- Does not leave galvanic effects, conductive residues or surface changes
- Is clean, dry and invisible corrosion inhibiting technology
- Is safe and easy to use for personnel

Safe for Electronics, Tough on Humidity and Contaminants

Reduce electronic equipment failures that lead to downtime due to corrosion with Zerust corrosion protection. Electronic enclosures are often in corrosive atmospheres with high humidity, condensation, or traces of aggressive pollutants such as sulfides, chlorides and ammonia found in industrial and marine environments. Zerust corrosion inhibitor technologies work to combat these causes of corrosion, even acid-gases and moisture.

How Zerust Vapor Corrosion Inhibitors (VCIs) Work

VCI molecules inhibit corrosion by preventing moisture and environmental elements from reacting with the metal surface. Since VCI molecules are transported through the air, they must be trapped around the metal surface using a poly bag or other enclosure. Later, when the enclosure or package is opened, the Zerust corrosion inhibiting layer dissipates, leaving clean, dry and residue-free metals.

The effects of atmospheric contaminants on a metal surface pictured: unprotected on the left and with Zerust protection on the right.

Zerust Protection for the Exteriors of Electronics

Protect exterior surfaces of parts and equipment with Zerust vapor corrosion inhibitor packaging materials. Wrap and enclose objects of any size to protect them from humidity, dirt and contaminants. Zerust VC/Film packaging materials ensure that parts are protected in storage and in shipping from contact deterioration and a depauperated appearance.

Product Solution Highlights

Zerust® Activ™ Series Diffusers

ActivPak, ActivCapsule™ and ActivTab™ products are easy-to-use diffusers that provide fast-acting and powerful corrosion protection. Drop-in the product to protect sensitive metals even in the most challenging environments.

Zerust Vapor Capsule Diffusers

Vapor Capsules provide targeted corrosion protection to metals and come in many different sizes. They are odorless, non-toxic, residue-free, and are designed to work in restricted spaces.

Zerust Plastabs®

Plastabs are made of light, rigid plastic and diffuse corrosion inhibitors. Their small and thin shape makes Plastabs perfect for protecting critical surfaces within narrow or hard-to-reach areas of enclosures. Use them to prevent corrosion in small spaces or as added protection to enclosures or packaged items.
Zerust® Corrosion Inhibitor Diffuser Installation Guide

Zerust Vapor Diffusers are easily installed in seconds without tools or specialized labor.

1. To activate, simply take the diffuser out of its packaging.
2. Note the installation date. Vapor Capsule products include a space to mark the date.
3. Place in the enclosure as close to the center as possible.
4. Make sure the diffuser has maximum surface space exposed for ideal diffusion.
5. Tightly seal the enclosure to restrict airflow.

The ideal location to obtain maximum coverage of protection from the diffuser is the center. This position may not be possible if the center is occupied.

Global Support

Algeria  Denmark  Mexico  Spain
Angola  Ecuador  Monaco  Sri Lanka
Argentina  Estonia  Morocco  Sweden
Australia  Finland  Nepal  Switzerland
Austria  France  Netherlands  Taiwan
Bangladesh  Gabon  Nigeria  Thailand
Belarus  Germany  Norway  Tunisia
Belgium  Hungary  Peru  Turkey
Bhutan  India  Philippines  Ukraine
Bolivia  Indonesia  Poland  United Arab Emirates
Brazil  Ireland  Portugal  MENA
Canada  Italy  Republic of Congo  (Middle East & North Africa)
Chile  Japan  Congo  United Kingdom
China  Kazakhstan  Romania  United States
Colombia  Korea  Russia  Singapore
Czech Republic  Latvia  Singapore  Slovak Republic
Democratic  Lithuania  Slovenia  South Africa
Republic of the Congo  Luxembourg  Zerust Axxanol™

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