Use Vapor Capsules to protect multiple metal types from corrosion in almost any enclosure or sealed packaging. Zerust diffusers emit Vapor Corrosion Inhibitors (VCIs) that prevent oxidation of the metal surface that causes rust. They provide targeted corrosion protection in hard to reach spaces and additional protection to metals in Zerust VCI packaging applications.

Zerust capsules are quick and easy to install. Simply peel back the protective paper from the adhesive tape and install securely in desired location. Tightly seal the enclosure to trap protective vapor inside. Metals will be protected from rust and tarnish for up to one or two years depending on the capsule model and environment.

**Zerust®/Excor® Vapor Capsules**

Zerust®/Excor® Vapor Capsules are portable capsules that contain patented Zerust VCI technology. Use to protect metals in hard to reach areas of control panels, electrical cabinets and other enclosed spaces, even when they are in operation. Or use as a supplement to other Zerust VCI packaging products for added protection.

**Benefits**

- Safe* and effective corrosion protection where traditional anti-corrosion methods can not be used.
- Easy to install, economical to use.
- Does not affect the circuit boards or sensitive components.
- Suitable for new equipment and to protect the reliability of existing equipment.

**Application Example**

A Vapor Capsule protects an electronics enclosure from corrosion during operation. The capsule has been marked with the installation date so operators know when to replace it with a new capsule.

**Application Type**

- Storage
- Shipping
- During Operation
- May be used with Zerust Packaging

*Safe for people. This product does not pose a health hazard to users due to its classification as an article according to UN GHS, US OSHA HazCom and CA WHMIS regulations. Check REACH SDS for classification in EU.
Zerust® Capsules are VCI (Vapor Corrosion Inhibitor) diffusers. The capsules are made from recycled PE materials.

**Appearance**
PE-plastic capsule and foam or protective foam containing active pellets.

**Protection Volume**
See table below

**Protection Duration**
See table below

**Storage**
Store in a cool, dry place and away from sunlight for up to 2 years from the date of shipment.

**Protected Metal Types**
Multimetal protection for steel, iron, zinc and galvanized steel, copper, brass, bronze, aluminum (and alloys), nickel, tin, solder.

**Protection Capabilities***

<table>
<thead>
<tr>
<th>Model</th>
<th>Protection Volume</th>
<th>Protection Radius</th>
<th>Protection Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>VC 1-1(s)</td>
<td>4 ft³ (0.12 m³)</td>
<td>1 ft (30 cm)</td>
<td>1 year</td>
</tr>
<tr>
<td>VC 1-1</td>
<td>4 ft³ (0.12 m³)</td>
<td>1 ft (30 cm)</td>
<td>1 year</td>
</tr>
<tr>
<td>VC 2-1</td>
<td>35 ft³ (1 m³)</td>
<td>2 ft (60 cm)</td>
<td>1 year</td>
</tr>
<tr>
<td>VC 2-2</td>
<td>35 ft³ (1 m³)</td>
<td>2 ft (60 cm)</td>
<td>2 years</td>
</tr>
<tr>
<td>VC 6-1</td>
<td>900 ft³ (25 m³)</td>
<td>6 ft (200 cm)</td>
<td>1 year</td>
</tr>
<tr>
<td>VC 6-2</td>
<td>900 ft³ (25 m³)</td>
<td>6 ft (200 cm)</td>
<td>2 years</td>
</tr>
</tbody>
</table>

* Protection ratings are based on the highest average tested protection properties and are not guaranteed. Results may vary according to usage environment and metal surface properties such as contaminants.

**Availability**
Zerust Vapor Capsules are in stock for immediate delivery. Sold in cases.

<table>
<thead>
<tr>
<th>Model</th>
<th>Units/Case</th>
</tr>
</thead>
<tbody>
<tr>
<td>VC 1-1(s)</td>
<td>50</td>
</tr>
<tr>
<td>VC 1-1</td>
<td>50</td>
</tr>
<tr>
<td>VC 2-1</td>
<td>25</td>
</tr>
<tr>
<td>VC 2-2</td>
<td>10</td>
</tr>
<tr>
<td>VC 6-1</td>
<td>4</td>
</tr>
<tr>
<td>VC 6-2</td>
<td>4</td>
</tr>
</tbody>
</table>

**Safety**
- Safe for people. This product does not pose a health hazard to users due to its classification as an article according to UN GHS, US OSHA HazCom and CA WHMIS regulations. Check REACH SDS for classification in EU.
- Zerust VCI chemistry is safe for sensitive electronics. No galvanic effects, residues or changes in the properties of metals. The protective molecules dissipate upon opening of package.

**Contact Us**
A product of:
Northern Technologies International Corp
4201 Woodland Road
Circle Pines, MN  55014
USA

Phone. +1 763.225.6600
Fax. +1 763.225.6645
sales@zerust.com
www.zerust.com

©2013-2019 Northern Technologies International Corporation (NTIC). All Rights Reserved. NTIC is the owner of the following trademarks: ActivPak®, Cor Tab®, EXCORDER®, Flange Saver®, ICT®, NTID®, Plastab®, Z-CIS®, Zerion®, ZERUST®, ZERUST®, and the Color “Yellow”. ABRİGÖ®, UNICOR®, and VALENO® are registered trademarks of EXCOR GmbH, a Joint Venture Partner of NTIC.