

**Zerust<sup>®</sup>**  
**Vapor capsule**  
**Model VC2-1** | Date Installed: \_\_\_\_\_  
Protects Metals Against  
Rust/Corrosion  
NSN 6850-01-475-9949  
PRIOR 6850-01-345-7431  
Radius of Protection: 2 Ft. | Estimated Life Span: 1 Yr.  
Northern Technologies International Corp.  
www.zerust.com | Phone 1 (763) 225-6600

## Zerust<sup>®</sup> Vapor Capsules

Zerust<sup>®</sup>/Excor<sup>®</sup> Vapor Capsules are portable capsules that contain patented Zerust<sup>®</sup> 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<sup>®</sup> VCI packaging products for added protection.

Use Vapor Capsules to protect multiple metal types from corrosion in almost any enclosure or sealed packaging. Zerust<sup>®</sup> 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<sup>®</sup> VCI packaging applications.

Zerust<sup>®</sup> 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.

### 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.



### 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 Type

Storage  
Shipping  
During Operation  
May be used with Zerust<sup>®</sup> 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.



## Specifications

<b>Product Information</b>	Zerust® Capsules are VCI (Vapor Corrosion Inhibitor) diffusers. The capsules are made from recycled PE materials.
<b>Appearance</b>	PE-plastic capsule and foam or protective foam containing active pellets.
<b>Protection Volume</b>	See table below
<b>Protection Duration</b>	See table below
<b>Storage</b>	Store in a cool, dry place and away from sunlight for up to 2 years from the date of shipment.
<b>Protected Metal Types</b>	Multimetal protection for steel, iron, zinc and galvanized steel, copper, brass, bronze, aluminum (and alloys), nickel, tin, solder.

## Protection Capabilities\*

Model	Protection Volume (Up to)	Protection Radius (Up to)	Protection Duration (Up to)
VC 1-1(s)	4 ft <sup>3</sup> (0.12 m <sup>3</sup> )	1 ft (30 cm)	1 year
VC 1-1	4 ft <sup>3</sup> (0.12 m <sup>3</sup> )	1 ft (30 cm)	1 year
VC 2-1	35 ft <sup>3</sup> (1 m <sup>3</sup> )	2 ft (60 cm)	1 year
VC 2-2	35 ft <sup>3</sup> (1 m <sup>3</sup> )	2 ft (60 cm)	2 years
VC 6-1	900 ft <sup>3</sup> (25 m <sup>3</sup> )	6 ft (200 cm)	1 year
VC 6-2	900 ft <sup>3</sup> (25 m <sup>3</sup> )	6 ft (200 cm)	2 years

\* 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.

### 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.

### LIMITED WARRANTY

All statements, technical information and recommendations contained herein are based on validations and tests conducted by Northern Technologies International Corporation/Zerust® or its partners and are believed to be reliable, but the accuracy or completeness thereof is not guaranteed. We warrant our products will be free from defects when shipped to customer. Our obligation under this warranty shall be limited to replacement of product that proves to be defective. To obtain replacement product under this warranty, the customer must notify Northern Technologies International Corporation/Zerust® or its partners or agent of the claimed defect within 3 months after shipment of product to customer. Customer shall pay all freight charges for replacement products. We shall have no liability for any injury, loss or damage arising out of the use of or the inability to use the products. And any financial claims shall be limited to the value of the products sold.

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## Availability

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

Model	Units/Case
VC 1-1(s)	50
VC 1-1	50
VC 2-1	25
VC 2-2	10
VC 6-1	4
VC 6-2	4

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**DISTRIBUTOR**

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## 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.

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