ZERUST 🏈 EXCOR

Zerust[®] ActivPak[®](LS) VCI Packets

Use Zerust[®]/Excor[®] ActivPak[®] VCI diffusers for fast acting corrosion protection in aggressive conditions such as factories, marine environments, waste treatment facilities and power plants. The packets reduce flash rust and corrosion incidents, even on contaminated parts and in challenging conditions.

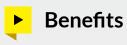
Zerust[®]/Excor[®] ActivPak[®](LS) packets offers a new technology of Vapor Corrosion Inhibitor (VCI) combined with Volatile Flash Corrosion Inhibitor (FCI[™]) to protect ferrous and aluminum metals in enclosed spaces. This combination goes to work in minutes to protect against both flash rust and long-term corrosion with its progressive VCI chemistry. Do not place in direct contact or apply more than recommended when used with copper, brass or zinc. Test before use.

ActivPak[®] provides corrosion control when there are concerns about manufacturing processes and fluids leaving corrosive residues. The packets reduce flash rust and corrosion incidents, even on contaminated parts and in challenging environments. ActivPak[®] inhibitors form an invisible shield that provides powerful and safe* corrosion protection that does not leave a residue and does not need to be removed prior to welding or painting. **Consult with a Zerust[®] technical representative for more information on how to use ActivPak[®](LS) for your specific application.**

Application Example

Zerust[®] ActivPak[®](LS) packets are individually packaged to preserve the Flash Corrosion Inhibitor (FCI[™]) effectiveness of the product. Drop into packaging or an enclosure for fast-acting corrosion protection that lasts up to one year.





Fast-acting

Safe* and easy to use

Protects against flash corrosion

Does not cause hydrogen embrittlement

Protects against acid gases, salt air and other challenging contaminants

Application Type

Storage Shipping During Operation May be used with Zerust Packaging

*Safe to use and handle. Product is not hazardous for people or the environment according to EU (CLP) or OSHA HazCom 2012 (US GHS).







Specifications

Product Information	Zerust [®] /Excor [®] ActivPak [®] packets are volatile corrosion inhibitor (VCI) diffuser powder sachets.
Storage	Store in a cool, dry place and away from sunlight in original packaging for up to 2 years from the date of shipment.
Protected Metal Types	Ferrous and aluminum protection. Limited yellow metal protection when used as instructed. Do not place in direct contact with copper, brass or zinc and test before use. Consult with a Zerust technical representative to plan for your trial shipment.

Protection Capabilities*

	Normal Environment**		Aggressive Environment**	
Zerust® Product Name	Volume of Protection (Up To)	Duration of Protection (Up To)	Volume of Protection (Up To)	Duration of Protection (Up To)
ActivPak®(LS)-T330	5 ft ³ (0.15 m ³)	1 year †	2 ft ³ (0.05 m ³)	2 months
ActivPak [®] (LS)-33	16 ft ³ (0.45 m ³)	1 year †	5 ft ³ (0.15 m ³)	2 months
ActivPak®(LS)-T350	26 ft ³ (0.75 m ³)	1 year †	7 ft ³ (0.2 m ³)	2 months
ActivPak [®] (LS)-35	35 ft ³ (1 m ³)	1 year †	11 ft ³ (0.3 m ³)	2 months

* 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.

* Normal environment (below 0.2 ppm SO₂) defined as warehouses, light industrial areas, and shipping and storage in sealed packaging or enclosures. Aggressive environment (at or above 0.2 ppm SO₂) defined as areas located in the vicinity of salts and acid gases such as oceans, petrochemical sites, wastewater treatment and pulp-paper plants or in enclosures that are not well sealed.

† Additional ActivPak®(LS) in a hermetically sealed enclosure may protect up to two years.

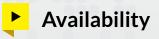
DECLARATION

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 product sold.

Before using, user shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith. No representation or recommendation not contained herein shall have any force or effect unless in a written document signed by an officer of the company. The foregoing warranty is exclusive and in lieu of all other warranties, express, implied or statutory, including without limitation any implied warranty of merchantability or of fitness for a particular purpose. In no case shall Northern Technologies International Corporation/Zerust[®] be liable for incidental or consequential damages. For full warranty and disclaimer information visit, www.zerust.com/warranty.

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Zerust[®]/Excor[®] ActivPak[®](LS) are in stock for immediate delivery, sold in cases. Custom sizes and quantities available upon request. Minimum order quantities apply.

ActivPak [®] (LS)-35	Units/Case
375-M-00103	10
375-M-00104	50
375-M-00105	100
ActivPak®(LS)-T350	Units/Case
375-M-00107	10
375-M-00108	50
375-M-00109	100
ActivPak [®] (LS)-33	Units/Case
375-M-00111	10
375-M-00112	50
375-M-00113	100
	375-M-00103 375-M-00104 375-M-00105 ActivPak®(LS)-T350 375-M-00107 375-M-00108 375-M-00109 ActivPak®(LS)-33 375-M-00111 375-M-00112

ActivPak®(LS)-T330 Units/Case

375-M-00114	10
375-M-00115	50
375-M-00116	100

Safety

- Safe to use and handle. Product is not hazardous for people or the environment according to EU (CLP) or OSHA HazCom 2012 (US GHS).
- Product in unopened original container prior to use does not meet criteria for hazardous waste according to 40 CFR 261 (no components listed on F, K, P or U lists; not ignitable, not corrosive, not reactive and not toxic).

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