

Zerust® ActivPak®

FAST-ACTING CORROSION PROTECTION TECHNOLOGY

PRODUCT INFORMATION

Fast-Acting Corrosion Protection

Zerust® ActivPak® packets are easy-to-use diffusers that provide targeted corrosion protection. They work in minutes to prevent flash corrosion on bare metal surfaces in an enclosed space. ActivPaks provide phased action by delivering short-term as well as long-term corrosion protection for ferrous metals and aluminum. When used as instructed, ActivPak also protects yellow metals such as copper and brass.

Surface Passivation Effective Against Contaminants

Use ActivPak to reduce corrosion incidences when manufacturing processes are not in full control and there are concerns with process fluids leaving corrosive residues. The packets reduce flash-rust and corrosion incidents even on contaminated parts and in contaminated environments. ActivPak inhibitors form an invisible shield that provides powerful corrosion protection.

Residue-Free Protection

The protective layer formed by the Zerust ActivPak does not leave a residue and does not need to be removed prior to welding or painting.

Application Examples

A ZERUST ACTIVPAK PACKET USED IN CONJUNCTION WITH ZERUST ICT® 510-C VCI FILM AND BAGS GIVING ADDED PROTECTION TO A STEEL PART IN LONG-TERM STORAGE.



ZERUST ACTIVPAK PACKETS PROVIDE QUICK RELEASE OF CORROSION INHIBITING MOLECULES IN AN ENCLOSURE TO PROTECT SPARE INVENTORY PARTS FROM CORROSION.



FEATURES

- Fast acting
- Easy-to-use
- Powerful corrosion protection
- Protects from flash corrosion
- Protection from sea air and salt water corrosion
- Protection lasts up to 2 years

BENEFITS

- Reduces corrosion incidents
- Improves equipment reliability and readiness
- Reduces need for inspection & rework
- Saves money & resources
- Comes with Zerust® global on site support

Supplement current corrosion inhibiting packaging methods by adding Zerust ActivPak packets for fast-acting protection that last up to two years.



Supplemental Protection

APPLICATION TYPE:

CORROSION PROTECTION FOR:



ORDERING INFORMATION

■ AVAILABILITY

Individual packets in cases of 10, 50, and 100.

■ PROTECTION TYPE

Ferrous and aluminum protection. Protects yellow metals when used as instructed. Do not place in direct contact with copper or brass and test before use.

■ PROTECTION LIFE

Refer to table. Seal or limit air exchange within the enclosure to maximize the protection life.

■ SHELF LIFE

Shelf life of 2 years when stored out of direct sunlight, and in original packaging. Store at 85° F/ 30° C or less. Product will expand at high temperatures.

■ HEALTH AND SAFETY

Active product may have an unpleasant, but non-toxic odor that will dissipate within a few hours.

■ DISPOSAL

Dispose of in accordance with local, national and international laws.

■ IMPORTANT INFORMATION

Do not install where packet will be submerged in water.

QUESTIONS?

Please contact a Customer Service Representative at +1 (763) 225-6600 or email sales@zerust.com.

ZERUST® EXCOR®

A product of:
Northern Technologies International Corporation
 4201 Woodland Road
 P.O. Box 69
 Circle Pines, MN 55014
 PH: +1 (763) 225-6600
 FAX: +1 (763) 225-6645
 EMAIL: sales@zerust.com
 WEB: www.zerust.com

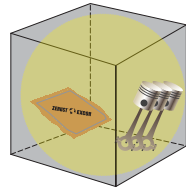


PROTECTION SPECIFICATIONS

Zerust® Product Name	Normal Environment*		Aggressive Environment*	
	Volume of Protection	Duration of Protection (up to)	Volume of Protection	Duration of Protection (up to)
ActivTab™(LS)-25	0.25 ft³ (0.0071 m³)	6 months	0.025 ft³ (0.0007 m³)	15 days
ActivCapsule™ FAC1-1s	4 ft³ (0.12 m³)	1 year	0.35 ft³ (0.01 m³)	1 month
ActivPak®(LS)-T350	26 ft³ (0.75 m³)	1 year	7 ft³ (0.2 m³)	2 months
ActivPak(LS)-35	35 ft³ (1 m³)	1 year	11 ft³ (0.3 m³)	2 months
ActivPak-35	35 ft³ (1 m³)	2 years	11 ft³ (0.3 m³)	4 months

*Normal environment defined as warehouses, light industrial areas, and shipping and storage in sealed packaging or enclosures. Aggressive environment 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.

HOW TO USE IN SHIPMENT AND STORAGE



1. Determine the correct number of ActivPak packets needed to protect intended space. Do not overload protection.
2. Remove from plastic packaging, but do not puncture product sachet. Note that punctured sachets may result in a dust hazard.
3. Distribute packets evenly throughout the enclosure.
4. For the packet to be effective, restrict airflow to the enclosure.
5. Do not place in direct contact with yellow metals and test before use.

LAB TEST RESULTS

Seawater Immersion Test (3.5% NaCl)



Zerust ActivPak 35 VCI No Protection Competitor VCI 1

SO₂ Acid Gas Test (4.5ppm SO₂)



Competitor VCI 1 Zerust ActivPak 35 VCI Competitor VCI 2

OTHER PRODUCTS AVAILABLE

ICT® 500 Series: Packaging Films

Our most widely used series of products. A variety of films offer short or long-term corrosion protection for parts and equipment during storage or shipment.

ICT® 700 Series: Liquid Additives and Coatings

Provide temporary corrosion protection for parts in-between production processes, during storage or for added protection to the ICT® 500 packaging series products during ocean shipments.

Warranty and Disclaimer Information:

We guarantee our products conform to documented quality specifications. Product information subject to change without notice. We make no warranty of any kind expressed or implied. All statements, technical information and recommendations contained herein are based on testing and experiences NTIC believes to be reliable, but the accuracy or completeness thereof is not guaranteed. See www.zerust.com/warranty.

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