



APPLICATION FOCUS

- Who**
Major military aircraft manufacturer
- What**
Corrosion prevention for electronics and sensors
- Why**
Meet contract requirements for non-hazardous and effective corrosion control
- How**
Switching to Zerust® ICT®800 Vapor Capsules reduced hazardous waste and increased operational readiness

Zerust Vapor Capsules are a Safe and Convenient Corrosion Solution for Electronics During Overseas Shipping

A major manufacturer of military aircrafts needed fuselage electronics, tooling sets, wing sections, and even complete aircrafts to arrive without corrosion. However, when using oils and greases to protect metals the manufacturer's engineers noticed corrosion in various areas. After working with the Zerust corrosion management team, the company applied Zerust corrosion prevention solutions to stop corrosion during shipment. Using Zerust helped them proactively meet their stringent contract and industry standards while safely managing corrosion.

The Solution

The company implemented the use of Zerust Vapor Capsules, models: VC6-1 and VC2-2, to protect the fuselage electronics, wing sets and tooling sets from corrosion damage during shipment. Zerust Vapor Capsules emit a non-toxic, non-reactive, odorless corrosion inhibiting vapor that is safe for sensitive electronics. This vapor settles on metal surfaces and forms a powerful corrosion protection shield even in hard-to-reach areas. All equipment arrived at its destination free of corrosion and in perfect working order! The use of Zerust Vapor Capsules prevented corrosion and substantially decreased the use of ineffective oils and grease - saving the company time, money and manpower while minimizing hazardous waste.

The manufacturer reduced corrosion and costs while meeting contract and international shipping standards.



Zerust Vapor Capsules protect hard-to-reach electronics and sensors within fuselage sections.



The Zerust VC6-1 Vapor Capsule was the answer to the aircraft manufacturer's corrosion problems during international shipping.



Use For:

- Export Shipment
- Long Term Storage
- Inventory Storage
- Work In Progress
- During Operation

OTHER PRODUCTS



VCI Kraft Packaging Paper ICT[®]400 Series

Acid-free, pH neutral, smooth and non-flaking corrosion inhibiting paper and poly paper offer short-term corrosion protection for metal parts. Most paper products are recyclable.*



VCI Packaging Films ICT[®]500 Series

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. Most film products are recyclable.*



Rust Removers and Cleaners ICT[®]600 Series

Highly effective rust removers for light to severe rust removal.

All ICT[®]600 series rust removers are non-toxic, non-hazardous and non-corrosive.



Liquid Additives and Coatings ICT[®]700 Series

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



VCI Vapor Diffusers ICT[®]800 Series

Self-contained, portable products that diffuse Zerust[®] ICT[®] chemicals to protect metals within enclosures, such as tool boxes, electrical boxes, etc.

*Consult your Zerust representative and federal, state and local regulations.

ZERUST[®]  **EXCOR[®]**

www.zerust.com

A product of: Northern Technologies International Corporation

4201 Woodland Road

P.O. Box 69

Circle Pines, MN 55014

Phone: +1 (763) 225-6600

Fax: +1 (763) 225-6645

Email: sales@zerust.com

For more information about the products listed above, please visit www.zerust.com or contact us at +1 (763) 225-6600.

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 as to the effects of use (including, but not limited to, damage or injury). For full warranty and disclaimer information visit, www.zerust.com/warranty.

©2013-2017 Northern Technologies International Corporation (NTIC). All Rights Reserved. NTIC is the owner of the following trademarks: ActivPak[®], Cor-Tab[®], EXCOR[®], Flange Saver[®], ICT[®], NIT[®], Plastabs[®], Z-CIS[®], Zerion[®], ZERUST[®], The ZERUST People[®], and the Color "Yellow". ABRIGO[®], UNICO[®], and VALENO[®] are registered trademarks of EXCOR GmbH, a Joint Venture Partner of NTIC.