

ZERUST®/EXCOR® Axxatec™ 85-F is an aqueous-based rust preventative liquid designed for fogging and spraying applications that protect ferrous metals via contact inhibitors and proven ZERUST® Vapor Corrosion Inhibitor (VCI) technology.

ZERUST® VCI molecules migrate to protect hard-to-reach voids within an enclosed space and are sealed while the product is wet. It forms a thin coating that is safe for use on most painted surfaces. The product comes ready to use and can be applied by fogging or pressurized spray. Not for use on metals other than ferrous.

Use Axxatec[™] 85-F for corrosion protection during assembly, shipping, and storage or inside vessels after hydrostatic testing. It is ideal for fogging into complex steel assemblies or packages that contain components with voids and chambers. To gain the benefit of the VCI, use it in a tightly sealed, foggable enclosure or void. Axxatec[™] 85-F provides 1 year protection in plain packaging and up to 5 years in hermetically sealed spaces or ZERUST®/EXCOR® VCI packaging. Contact your ZERUST®/EXCOR® technical representative for a multimetal-compatible product.

Application Example

The interior and exterior surfaces of new boilers may be protected with ZERUST® Axxatec™ 85-F during shipping and storage. Use Axxatec™ 85-F to fog into the enclosure or vessel after hydrostatic testing to prevent corrosion.





Benefits

Effective water-based RP with VCI

Leaves a clear coating

Ready to use, easy to apply

Foggable VCI protects hard to reach crevices and voids

Application Type

Storage Mothballing and Long-term storage Shipping May be used with poly packaging

*Non-Hazardous Disposal: Product in an unopened original container prior to use is non-hazardous waste in the United States according to 40 CFR 261 (no components listed on F, K, P or U lists; not ignitable, not corrosive, not reactive, and not toxic).



Technical Data

Product Information	Ready to use water-based VCI rust preventative liquid.	
Application Contact technical representative for other application methods.	Apply via spray or fog. Application temperature Dosage Removal	41 to 120°F (5 to 49°C) 0.2 fl oz/ft³ (195 mL/1 m³) Alkaline cleaning agent
Properties	Volatile Content Flashpoint pH Viscosity Density (25°C)	<15% >212°F (100°C) 8 - 9 Water-like 0.95-1.05 g/ml
Protection Info	Plain Poly Packaging VCI Packaging/hermetically sealed Humidity Chamber ASTM D1735 VCI Test (NACE TM0208-2013) Metal type	1 year Up to 5 years Exceeds 500 hrs Pass Ferrous protection only. Not for

Storage

Store in a tightly closed container to preserve VCI. Do not freeze. It may separate when frozen. If frozen, allow to thaw and mix thoroughly. Store in a cool (32 to 85°F / 0 to 30°C), dry place and away from sunlight in original packaging for up to 2 years from the date of shipment.

galvanized, zinc,

and yellow metals.

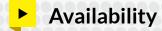
DECLARATION

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 frieight 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. 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.

©2013-2023 Northern Technologies International Corporation (NTIC). All Rights Reserved. NTIC is the owner of the following trademarks: ActivPak®, Cor Tab®, EXCOR®, Flange Saver®, ICT®, Natur-VCI®, NTI®, Plastabs®, Z-CIS®, Zerion®, ZERUST®, 活乐特, Z-PAK® and the Color "Yellow". ABRIGO®, UNICO®, and VALENO® are registered trademarks of EXCOR GmbH, a Joint Venture Partner of NTIC.





ZERUST®/EXCOR® Axxatec™ 85-F is sold as a ready-to-use liquid product. Large quantity pricing is available upon request.

Part Number	Quantity*
350-F-00009PL	5 Gal (19 L)
350-F-00009DR	55 Gal (208 L)

*Product sold in US customary units. Metric units approximate.

Disposal

Collect waste when removing. Dispose of in accordance with local, national, and international regulations. Avoid release into the environment.

•

Precautions

- Shake/stir product container before use. Inspect that the product is clear and homogenous before applying.
- Axxatec[™] 85-F is a water-based product and will freeze at temperature/ environment conditions/substrate surface temperature when water freezes. Do not apply product when there is a chance of water freezing. For low-freezing temperature application, please refer to Axxatec[™] 87-MW3 Winterized product.
- Do not reuse product such as in a circulating spray booth, even when enclosed, as the active VCI component of the product depletes when exposed to air.
- Product has a propensity to foam.
- Do not use for dipping/immersion dip application with an open sump/tank.
- Do not apply the product onto red-hot heated surfaces – such as on surfaces immediately after welding.
- Do not dry surfaces coated with product. Seal enclosure immediately after application.
- Reseal unused, unexposed product in original container immediately after use.
- Do not use on aluminum, zinc, galvanized steel, or yellow metals.
- Test before use on painted surfaces.
- Test before use on rubber seals and plastics.
- Remove before painting. Axxatec™ 85-F can be removed with the use of an alkaline cleaning agent.
- Do not place treated metals in direct contact with cardboard packaging or wood.
- Metal may discolor or darken in contact with plastics under very aggressive conditions.

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

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