

AxxaClean™ 2048 Technical Data Sheet

ZERUST®/EXCOR® AxxaClean™ 2048 is a moderate-acting rust and tarnish remover designed to eliminate medium corrosion, even in the most hard-to-reach cracks and crevices. The power of AxxaClean™ 2048 extends beyond the removal of rust from ferrous metals, as it excels in deoxidizing and brightening various materials, such as red metals, aluminum alloys, magnesium alloys, and galvanized substrates. With a pH of approximately 2.5, similar to a soda drink, AxxaClean™ 2048 minimizes disposal challenges.

After cleaning and drying, items are ready for immediate painting or welding. To maximize the effectiveness of AxxaClean™ 2048, we recommend rinsing cleaned items with a 5% solution of ZERUST® AxxaVis™ HST-10 and drying thoroughly with filtered compressed air. Additionally, you may further protect your metals from future corrosion with our ZERUST® VCI packaging films and papers. For metals that are prone to corrosion, such as cast iron, use a ZERUST® rust preventative such as Axxanol™ or Axxatec™ liquid coatings. Despite its potency against rust, AxxaClean™ 2048 remains generally safe for use on paint, gaskets, rubber, and plastics. Nonetheless, we advise testing the product before full application to ensure compatibility.

For over 50 years, beginning with the invention of Vapor Corrosion Inhibiting (VCI) film packaging, ZERUST® has led the market in quality corrosion solution products. We are dedicated to providing expert corrosion management services and broadening the range of corrosion solutions for our customers. In addition, ZERUST® users have access to on-site support from ZERUST®/EXCOR® representatives in more than 70 countries. As a result, our customers have peace of mind when they choose ZERUST® for corrosion control management.

Typical Properties

Appearance	Immersion: yellow liquid, Spray-On: blue liquid, Brush-On: pink gel
Metals treated	Ferrous and yellow metals. Test before use on aluminum, magnesium, and zinc.
pH	2 – 2.5
Compatibility	Generally safe for paint, gaskets, rubber, and plastics (Test before use).

This data sheet provides general guidelines for operation, application, and removal. Please contact your ZERUST®/EXCOR® account representative for more specific recommendations on your particular operation and conditions.

Operating Summary

- AxxaClean™ 2048 is designed as a ready-to-use product.
- Typical application temperature: 50 – 120°F (10 – 49°C) in most operations.

Application Technologies

- Can only be used in immersion, brush, or spray processes.

Post Cleaning

- Do not let the product dry on the surface. At a minimum, rinse with high-quality water (recommended DI/RO).
- For optimal results, rinse well with a 5% solution of ZERUST® Axxavis™ HST-10.
- Wipe with a clean cloth or blow excess liquid off using clean, dry compressed air and dry well.

Scan QR for more



product information
and photos

Availability

ZERUST®/EXCOR® AxxaClean™ 2048 is sold as a ready-to-use liquid immersion product. Contact your ZERUST®/EXCOR® representative for ordering information.

Part Number	Version	Quantity*
350-M-00014PT	Spray-On	16 oz (29 ml) Bottle (12/Case)
350-M-00014GL	Spray-On	1 Gal (3.8 L) Jug (4/Case)
350-M-00014PL	Spray-On	5 Gal (19 L) Pail
350-M-00014DR	Spray-On	55 Gal (208 L) Drum
350-M-00015PT	Immersion	16 oz (29 ml) Bottle (12/Case)
350-M-00015GL	Immersion	1 Gal (3.8 L) Jug (4/Case)
350-M-00015PL	Immersion	5 Gal (19 L) Pail
350-M-00015DR	Immersion	55 Gal (208 L) Drum
350-M-00016PT	Brush-On	16 oz (29 ml) Bottle (12/Case)
350-M-00016GL	Brush-On	1 Gal (3.8 L) Jug (4/Case)
350-M-00016PL	Brush-On	5 Gal (19 L) Pail
350-M-00016DR	Brush-On	55 Gal (208 L) Drum

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

Storage

- Store in a cool, dry place and away from sunlight in the original packaging.
- Optimal storage temperature is 50 – 90°F (10 – 32°C) for up to 2 years from the date of shipment.
- If the product freezes, bring it to room temperature and mix well.
- Reseal or close the container cap after each use.

Disposal

- Dispose of in accordance with local, national, and international regulations.
- Product in an 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).

Precautions

- Avoid placing metal surfaces in direct contact with wood or cardboard (sources of moisture and acid).
- Wear personal protective equipment as stipulated in the Safety Data Sheet (SDS).
- Refer to SDS for more safety information.

‡ DECLARATION

Corrosion protection claims are based on Northern Technologies International Corporation (NTIC) internal laboratory testing performed under controlled parameters on contaminate-free substrates. Real-world application corrosion protection duration on different substrates will vary and depends on factors such as, but not limited to, the application or use, environmental / storage conditions, surface cleanliness, type of substrates, and coating thickness (where applicable). The use of the term "Up to" in reference to time is defined as any time duration from zero up to a specified time frame, but in no event beyond the specified time frame. The use of the term "for years" is based on NTIC's experience with its products but is in no way guaranteed. The use of the term "Up to" in reference to volume is defined as any volume from zero up to a specified volume but in no event beyond the specified volume of protection. It is the customer's / user's obligation to evaluate product performance, corrosion protection duration, safety, and suitability for intended use within the scope advised in the data sheet and to comply with all applicable laws and regulations. **LIMITED WARRANTY/DISCLAIMER** Warranty is limited to the replacement of a product that fails to meet specifications. For full warranty and disclaimer information, visit www.zerust.com/warranty.

©2013-2025 Northern Technologies International Corporation (NTIC). All Rights Reserved. NTIC is the owner of the following trademarks: ActivPak®, Cor Tab®, EXCOR®, Flange Saver®, ICB®, ICT®, Natur-VC1®, NTI®, Plastabs®, Z-CIS®, Zerion®, ZERUST®, 洁乐特, Z-PAK® and the Color "Yellow". ABRIGO®, UNICO®, ICB®, and VALENO® are registered trademarks of EXCOR GmbH, a Joint Venture Partner of NTIC.