

## Zerust® AxxaClean™ 2048

Zerust®/Excor® AxxaClean™ 2048 is a fast-acting and non-hazardous\* rust and tarnish remover. It rapidly removes light to medium corrosion even in cracks and crevices. Cleaned surfaces are free of black-carbon residue and resistant to flash-corrosion.

Zerust/Excor AxxaClean 2048 cleans ferrous metals, brass, copper and various alloys of rust and tarnish. AxxaClean 2048 has a pH of about 2.5, similar to a soda drink, making it simple to use and minimizing disposal hassles. AxxaClean 2048 comes in multiple delivery forms; Immersion, Spray-On, and Brush-On. Cleaned and dried items can be immediately painted or welded. For optimum results with AxxaClean 2048, rinse cleaned items with a solution of AxxaVis™ PX-05AN acid neutralizer and dry thoroughly with filtered compressed air.

Surfaces treated with the rust remover are protected from flash-rust for several days in a controlled environment. To prevent the metal from corroding again protect it with Zerust VCI packaging films and papers. For corrosion prone metals such as cast iron, use a Zerust rust preventative such as Z-Maxx™, Axxanol™ or Axxatec™ liquid coating.

### Application Example

The thick viscosity of AxxaClean 2048 Brush-On product is easy to apply and clings to vertical surfaces, making rust removal quicker and with less mess.



### Benefits

Rapidly removes rust and tarnish

Inhibits flash corrosion on treated surfaces

No VOC's, CFC's, silicones or heavy metals

Compatible with most metals, painted surfaces, rubber and elastomers

Does not leave staining or dark carbon residues

Cleaned metals are ready to be painted or welded

### Complementary Products

Zerust VCI Packaging and Diffusers  
Axxatec Water-Based RPs  
Axxanol Oil-Based RPs  
AxxaVis™ Additives  
AxxaWash™ Cleaners

\*Non-Hazardous Disposal: Product in 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).



AxxaClean™ 2048 comes in an immersion, spray-on and brush-on format.

## Technical Data

### Zerust®/Excor® AxxaClean™ Rust Remover Series Comparison

Attributes	AxxaClean ICT®620-RR	AxxaClean 2048	AxxaClean 3048
Corrosion Removal Power	Light to medium rust, even in cracks and crevices	Medium corrosion, even in cracks and crevices	Heavy corrosion, even in cracks and crevices
Speed	Slow	Moderate	Rapid
Metals Treated	Ferrous	Ferrous, brass, copper	Ferrous, brass, copper
Application Methods	Immersion	Immersion, Brush-on, Spray	Immersion, Brush-on
pH Level	Neutral pH of about 7	Mild acidic pH of about 2.5	Stronger acidic pH between 0.5-1.5
Temperature For Use	70°F (21°C) or above	70°F (21°C) or above	40°F (4°C) or above
Compatibility (<24 hour soak)	Safe for metals*, paint, gaskets, rubber, plastics	Safe for metals*, paint, gaskets, rubber, plastics	May attack soft metals*, some paints and coatings
Post-Cleaning Action	Do not let product dry on surface. Water rinse, dry and wipe any carbon residue.	Do not let product dry on surface. Recommended DI or RO water rinse. Wipe off and dry well.	Do not let product dry on surface. Recommended DI or RO water rinse. Wipe off and dry well.
Corrosion Protection	Additional corrosion protection needed	Provides flash-corrosion protection in controlled environments	Provides flash-corrosion protection in controlled environments
Shelf Life and Handling	3 years when stored out of sunlight and in original packaging.	2 years when stored out of sunlight and in original packaging.	2 years when stored out of sunlight and in original packaging.

\*Test before use on zinc and cadmium. Check with your Zerust technical representative for details.

## Additional Info

Go online to [www.zerust.com](http://www.zerust.com) for product comparisons, application guides, videos and more.

## Contact a Zerust Corrosion Expert

Consult a Zerust representative to implement an optimum, cost-effective corrosion prevention system across your production facility and supply chain.

## Availability

Zerust®/Excor® AxxaClean 2048 is sold as a ready to use liquid product.

**Part Number    Sizes**  
**Spray-On**  
 350-M-00014    16 oz, 1, 5 gal

**Immersion**  
 350-M-00015    16 oz, 1, 5, 55 gal

**Brush-On**  
 350-M-00016    16 oz, 1, 5 gal

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](http://www.zerust.com/warranty).

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