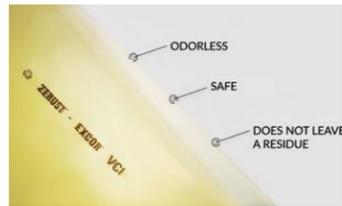


**ZERUST® EXCOR®**

# Zerust® Product Catalog



[WWW.LAKS.MX](http://WWW.LAKS.MX)



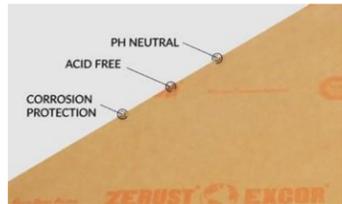
Zerust VCI Film



Zerust VCI Gusset Bag

**Zerust VCI Film and Bags**

- Flat Bags, Gusset Bags, Zipper Bags, and Auto Bags
- Sheeting, Tubing, Sleeves, and Tote Covers
- Heat Shrink, Skin Packaging, Cold Seal and Stretch Film
- High Strength, UVI, Outdoor, and Anti-Static Films
- Cushioning Film and Foam Sheeting
- Custom Sizes, Colors and Printing Available



Zerust VCI Kraft Paper



Zerust VCI Kraft Paper Sheets

**Zerust VCI Kraft Paper**

- 30#, 35# and 40# Multimetal Kraft Paper
- Ferrous Poly Laminated Kraft Paper
- Stock Rolls and Cut Sheets Available
- Special Order up to #170 Weight
- Custom Sizes, Weights and Printing Available



Zerust VCI Vapor Diffusers



Zerust Fast Acting ActivPak®

**Zerust VCI Diffusers**

- VCI Vapor Capsules
- ActivPak® Fast-Acting VCI Packets
- ActivCapsule™ and ActivTab™ Flash-Corrosion Inhibitors
- Pipe Strips, Tube Strips, Plastabs®
- ActivPowder™ Flash Corrosion Inhibitor Powder



Zerust VCI Oil Spray-On RP



Zerust Rust Remover Results

**Zerust RP Coatings and Rust Removers**

- VCI Oils, Rust Preventative Greases, Oil-, Solvent-, Water- and Bio-Based
- Spray-On, Brush-On and Dip Application Options
- High-Pressure Wash Cleaners and Water Conditioners
- Rust Removers for Light, Medium and Heavy Corrosion

Zerust® ICT®510-C Ferrous VCI Poly Bags.....	1-2
Zerust ICT 510-C Multimetal VCI Bags.....	3-4
Zerust ICT Ferrous Weapon Protection Kit.....	4
Zerust ICT VCI Film and Sheeting.....	5-6
Zerust VCI Kraft Paper.....	7
Zerust Rust Preventatives.....	8
Zerust Rust Removers.....	9-10
Zerust Cleaners.....	10
Zerust ICT VCI Diffusers.....	11-13
Zerust Flange Saver® .....	14
Accessories and Tools.....	14

**CONTACTO:**  
**RAUL GARCIA**  
 Ventas y Asesoría Técnica.  
 ✉ rgarcia@laks.mx  
 ☎ (442) 3590670

# Zerust® ICT® Ferrous VCI Poly Bags

Zerust/Excor ICT VCI Bags provide convenient and proven protection against corrosion damage to metals for shipping and storage. They are available in flat, zipper and gusseted sizes. Typical colors are yellow, green & blue. Custom colors and printing available upon request.

## 4 MIL FerrousYellow Plain Closure Bags (Printed w/ Zerust Trademark)

Stock No.	W x L	Qty/Case	Weight/Case
025-F-00001B	3" x 5"	1000	5 lbs
025-F-00001	3" x 5"	5000	20 lbs
025-F-00002B	4" x 6"	1000	7 lbs
025-F-00002	4" x 6"	2000	13 lbs
025-F-00003	6" x 8"	1000	13 lbs
025-F-00115	8" x 10"	1000	21 lbs
025-F-00006	9" x 12"	1000	29 lbs
025-F-00036	10" x 12"	1000	34 lbs
025-F-00007	10" x 14"	1000	37 lbs
025-F-00046B	12" x 12"	1000	39 lbs
025-F-00008	12" x 18"	500	29 lbs
025-F-00009	18" x 24"	250	29 lbs
025-F-00010	24" x 36"	150	35 lbs

## 4 MIL FerrousYellow Zipper Bags (Printed w/ Zerust Trademark)

Stock No.	W x L	Qty/Case	Weight/Case
050-F-00001B	3" x 5"	1000	5.5 lbs
050-F-00001	3" x 5"	5000	22 lbs
050-F-00002B	4" x 6"	1000	7.5 lbs
050-F-00002	4" x 6"	2000	15 lbs
050-F-00003	6" x 8"	1000	15 lbs
050-F-00021	10" x 12"	1000	34 lbs
050-F-00004	12" x 18"	500	31 lbs

## Safety

Safe for people. This product does not pose a health hazard to users due to its classification as an article according to EU REACH, UN GHS, US OSHA HazCom and CA WHMIS regulations.

Zerust VCI chemistry is safe for sensitive electronics. No galvanic effects, residues or changes in the properties of metals. The protective molecules dissipate upon opening of package.



## Benefits

Effective corrosion protection and packaging combined in one step

Metals are ready for use and assembly directly out of the packaging

Available in many different formulations and sizes

Provides safe and effective Zerust VCI protection.

Recyclable

[www.laks.com](http://www.laks.com)



## Application Type

Storage  
Shipping  
Work in progress

# Zerust® ICT® Ferrous VCI Poly Bags

## 2 MIL FerrousYellow Gusset Bags (Not Printed w/ Zerust Trademark)

Stock No.	W x D x L	Qty	Weight
075-F-99981	13" x 9" x 16"	1000/roll	47 lbs/roll
075-F-00321	15" x 9" x 24"	500/case	39 lbs/case
075-F-99978	16" x 13" x 25"	500/roll	49 lbs/roll
075-F-99973	25" x 16" x 33"	250/roll	46 lbs/roll
075-F-00001	48.5" x 42.5" x 60"	100/roll	73 lbs/roll
075-F-00002	48.5" x 42.5" x 90"	70/roll	77 lbs/roll

## 3 MIL FerrousYellow Gusset Bags (Not Printed w/ Zerust Trademark)

Stock No.	W x D x L	Qty	Weight
075-F-00064B	22" x 16" x 30"	250/case	57 lbs/case
075-F-00033	58" x 48" x 90"	35/roll	67 lbs/roll

## 5 MIL FerrousYellow Gusset Bags (Not Printed w/ Zerust Trademark)

Stock No.	W x D x L	Qty	Weight
075-F-00015	40" x 28" x 60"	50/roll	48 lbs/roll

## 4 MIL FerrousYellow Gusset Bags (Not Printed w/ Zerust Trademark)

Stock No.	W x D x L	Qty	Weight
075-F-00003	26" x 24" x 46"	50/case	28 lbs/case
075-F-99992	34" x 31" x 69"	50/roll	60 lbs/roll
075-F-00027	34" x 33" x 48"	85/roll	74 lbs/roll
075-F-01046	40" x 36" x 80"	25/roll	41 lbs/roll
075-F-99990	51" x 46" x 88"	25/roll	57 lbs/roll
075-F-00349	54" x 44" x 96"	25/roll	63 lbs/roll
075-F-00029B	57" x 48" x 85"	20/roll	48 lbs/roll
075-F-00031	82" x 40" x 79"	25/roll	65 lbs/roll

## 5 MIL FerrousYellow Gusset Bags (Not Printed w/ Zerust Trademark)

Stock No.	W x D x L	Qty	Weight
075-F-00019	12" x 11" x 23"	250/case	44 lbs/case
075-F-00020	20" x 17" x 32"	100/roll	39 lbs/roll

## 6 MIL FerrousYellow Gusset Bags (Not Printed w/ Zerust Trademark)

Stock No.	W x D x L	Qty	Weight
075-F-00021	31" x 17" x 38"	75/roll	55 lbs/roll



## Availability

Zerust/Excor ICT 510-C Ferrous VCI Poly Bags are available in many stock and custom additive options such as UV and anti static. Contact a Zerust account manager for pricing and availability.

Size Range (width):  
2" - 125" (flat)  
2" - 150" (gusset)



## Recyclable

Dispose of in accordance with local, national and international regulations. Check on options for recycling and incineration.

# Zerust® ICT® Multimetal VCI Bags

Zerust/Excor ICT 510-C VCI Bags provide convenient and proven protection against corrosion damage to metals for shipping and storage. They are available in ferrous, non-ferrous and multimetal protection types various flat, zipper and gusseted sizes.

## 4 MIL Multimetal Green Plain Closure Flat VCI Bags (Printed w/ Zerust Trademark)

Stock No.	W x L	Units/Case	Weight/Case
025-M-00021	6" x 8"	1000	13 lbs
025-M-00022	8" x 10"	1000	21 lbs
025-M-00037	10" x 12"	1000	34 lbs
025-M-00023	12" x 18"	500	29 lbs
025-M-00025	18" x 24"	250	29 lbs
025-M-00026	24" x 36"	150	35 lbs
025-M-00027	36" x 48"	75	35 lbs

## Multimetal Green Gusset VCI Bags (Not Printed w/ Zerust Trademark)

Stock No.	W x D x L	MIL	Units/Roll	Weight/Roll
075-M-00002	34" x 33" x 66"	3	85	76 lbs
075-M-00038	23" x 17" x 36"	4	100	39 lbs
075-M-00182	30" x 21" x 40"	4	120	67 lbs
075-M-00122	54" x 44" x 96"	4	25	63 lbs
075-M-00010	67" x 50" x 72"	4	35	79 lbs
075-M-00179	70" x 60" x 100"	4	15	54 lbs
075-M-00215	40" x 36" x 80"	4	25	43 lbs

### Safety

Safe for people. This product does not pose a health hazard to users due to its classification as an article according to EU REACH, UN GHS, US OSHA HazCom and CA WHMIS regulations.

Zerust VCI chemistry is safe for sensitive electronics. No galvanic effects, residues or changes in the properties of metals. The protective molecules dissipate upon opening of package.



### Benefits

Effective corrosion protection and packaging combined in one step

Metals are ready for use and assembly directly out of the packaging

Available in many different formulations and sizes

Provides safe and effective Zerust VCI protection.

Recyclable



### Application Type

Storage  
Shipping  
Work in progress

# Zerust® ICT® Multimetal VCI Bags

## 4 MIL Multimetal Blue Plain Closure Flat VCI Bags (Not Printed w/ Zerust Trademark)

Stock No.	W x L	Qty/Case	Weight/Case
025-M-00167	4" x 6"	2000	13 lbs
025-M-00146	9" x 12"	1000	29 lbs
025-M-00169	18" x 24"	250/roll	29 lbs



## 4 MIL Multimetal Blue Gusseted VCI Bags (Not Printed w/ Zerust Trademark)

Stock No.	W x D x L	Qty	Weight/Case
075-M-00246	54" x 44" x 96"	25/roll	63 lbs

## Zerust ICT Ferrous Weapon Protection Kit

Zerust/Excor ICT VCI Weapon Bags provide protection against corrosion damage for weapons and accessories in shipping, storage and in-between operations. Hundreds of units have proven their performance and reliability in the field. They protect against dust, sand and humidity.

Stock No.	W x L	MIL	Units/Roll
910-F-00007	10" x 18" (handgun)	4	100
910-F-00006	14" x 60" (rifle)	6	100

### Availability

Zerust/Excor ICT510-C VCI Film Bags are available in many stock and custom additive options such as UV and anti static. Contact a Zerust account manager for pricing and availability.

Size Range (width):  
2" - 125" (flat)  
2" - 150" (gusset)



### Recyclable

Dispose of in accordance with local, national and international regulations. Check on options for recycling and incineration.

# Zerust® ICT® VCI Film and Sheeting

Zerust/Excor ICT VCI Film and Sheeting provides cost-effective and versatile protection against corrosion damage for metals in shipping and storage. It is available in ferrous, non-ferrous and multimetal protection types and in various sized rolls, sheets, tubing and bags.

## Zerust ICT510-C 4 MIL Sheeting (Not Printed w/ Zerust Trademark)

Stock No.	W x L	Weight	Type
100-F-00002	36" x 500'	29 lbs	Ferrous, yellow
100-F-00064	72" x 500'	58 lbs	Ferrous, yellow
100-F-00081	12" x 250'	67 lbs	Ferrous, yellow
100-M-00045	48" x 500'	38 lbs	Multimetal, blue

## Zerust ICT510-C 4 Mil Ferrous Tubing (Not Printed w/ Zerust Trademark)

Stock No.	W x L	Weight
200-F-00005	4" x 1,500'	19 lbs/roll
200-F-00006	6" x 500' (4 rolls/case)	39 lbs/case
200-F-00007	8" x 500'	13 lbs/roll
200-F-00052	12" x 1000'	39 lbs/roll
200-F-00069	16" x 500'	26 lbs/roll
200-F-00012	24" x 500'	39 lbs/roll
200-F-00001	36" x 500'	58 lbs/roll
200-F-00002	48" x 500'	77 lbs/roll

## Safety

Safe for people. This product does not pose a health hazard to users due to its classification as an article according to EU REACH, UN GHS, US OSHA HazCom and CA WHMIS regulations.

Zerust VCI chemistry is safe for sensitive electronics. No galvanic effects, residues or changes in the properties of metals. The protective molecules dissipate upon opening of package.



## Benefits

Effective corrosion protection and packaging combined in one step

Metals are ready for use and assembly directly out of the packaging

Available in many different formulations and sizes

Provides safe and effective Zerust VCI protection.

Recyclable



## Application Type

Storage  
Shipping  
Work in progress

# Zerust® ICT® VCI Film and Sheeting

## Zerust ICT510-CLHD High-Density Film

Ferrous High-Density Sheeting (Not Printed w/ Zerust Trademark)

Stock No.	W x L x MIL	Units/Roll	Weight
150-F-00175	13" x 12" x 1 MIL	4,000 (x 2 rolls)	42 lbs/case
150-F-00166	48" x 56" x 1.25 MIL	500 units	57 lbs/roll
150-F-00005	36" x 36" x 1.5 MIL	750 units	49 lbs/roll
150-F-00163	42" x 42" x 1.5 MIL	500 units	44 lbs/roll
100-F-00009	48" x 2000' x 1.5 MIL	2,000 feet	58 lbs/roll

Multimetal High-Density Sheeting (Not Printed w/ Zerust Trademark)

Stock No.	W x L x MIL	Units/Roll	Weight
150-M-00001	36" x 36" x 1.5 MIL	750 units	49 lbs/roll

Ferrous High-Density Tote Covers with Elastic Band (Not Printed w/ Zerust Trademark)

Stock No.	W x L x MIL	Units/Case	Weight
675-F-00003	30" x 30" x 1.5 MIL	100 units	8 lbs/case

## Zerust ICT510-SM Stretch Film (Not Printed w/ Zerust Trademark)

Stock No.	W x L x MIL	Weight/Roll	Color
250-F-00006	4" x 667' x 1.25 MIL	1.6 lbs x 12 rolls	Ferrous, yellow
250-F-00002	20" x 4000' x 1.25 MIL	40 lbs	Ferrous, yellow
250-M-00004	20" x 4500' x 1 MIL	36 lbs	Multimetal, blue
250-M-00005	18" x 1500' x 1 MIL	11.75 lbs x 4 rolls	Multimetal, blue

## Zerust ICT510 Shrink Film (Not Printed w/ Zerust Trademark)

Stock No.	W x L x MIL	Weight	Type	Protection & Color
100-F-00077	40" x 425' x 8 MIL	55 lbs	Outdoor, 3yr UVI	Ferrous, clear
100-F-00010	20' x 100' x 4 MIL	39 lbs	Indoor	Ferrous, yellow
100-M-00007	20' x 100' x 4 MIL	39 lbs	Indoor	Multimetal, green
100-F-00070	20' x 100' x 8 MIL	78 lbs	Outdoor, 3yr UVI	Ferrous, gray
100-F-00004	48" x 500' x 4 MIL	38 lbs	Indoor	Ferrous, yellow
100-F-00084	20' x 100' x 6 MIL	58 lbs	Indoor	Ferrous, yellow

## Zerust Ferrous Closed-Cell Foam Sheeting (Not Printed w/ Zerust Trademark)

Stock No.	W x L x Thickness	Weight/Roll
575-F-00004	72" x 550' x 1/8"	63 lbs

## Zerust Ferrous Woven Poly Scrim Sheeting (Not Printed w/ Zerust Trademark)

Stock No.	W x L	Weight/Roll
600-F-00004	48" x 200 Yards	60 lbs



## Availability

Zerust/Excor ICT510-C VCI Film is available in many stock and custom options. Contact a Zerust account manager for pricing and availability.

Size Range (width):  
Bags & Tubing:  
2" - 125" (flat)  
2" - 150" (gusset)  
Sheeting: 2" - 26'



## Recyclable

Dispose of in accordance with local, national and international regulations. Check on options for recycling and incineration.



# Zerust®/Excor® VCI Kraft Paper

## Zerust Multimetal VCI Kraft Paper (Printed w/ Zerust Trademark)

Use Zerust VCI Kraft Paper to wrap and protect metals in shipment or storage. The paper is fully saturated and is ideal for interleaving applications. Available in stock 35#, 40# and 60# rolls and 35# pre-cut sheets and upon request in additional sizes and weights between 30# and 170#.



Stock No.	W x L	Weight	Quantity
300-M-00005	36" x 200 Yards	35#	25 lbs/Roll
300-M-00006	48" x 200 Yards	35#	32 lbs/Roll
300-M-00032	12" x 12" Sheets	35#	2,000 sheets/Box
305-M-00020	36" x 200 Yards	40#	28 lbs/Roll
305-M-00021	48" x 200 Yards	40#	37 lbs/Roll
313-M-00024	36" x 200 Yards	60#	41 lbs/Roll
313-M-00020	48" x 200 Yards	60#	54 lbs/Roll

All paper exceeds 3Ab MIL-PRF-3420 performance requirements

## Zerust 35# Ferrous VCI Poly Kraft Paper (Printed w/ Zerust Trademark)

Zerust ICT420-35P is a kraft packaging paper coated with a polyethylene layer containing Zerust Vapor Corrosion Inhibitors (VCIs). Zerust VCI Poly Kraft Paper provides powerful corrosion protection to ferrous metals such as iron, cast iron and steel. Available upon request in cut sheets.



Stock No.	W x L	MIL	Wt/Roll
300-F-00024*	24" x 200 Yards	1	44 lbs
300-F-00002	36" x 200 Yards	1	35 lbs
300-F-00025	48" x 200 Yards	1	44 lbs

\*Must order in multiples of two rolls

## Zerust 430-35 Poly Coated Reinforced VCI Paper (Printed w/ Zerust Trademark)

Zerust ICT 430-35PCR VCI Paper is a high-quality 35# kraft paper that is saturated on one side with proven Zerust corrosion inhibitors and laminated with a 3/4 mil polyethylene layer and fiberglass scrim on the back side to provide superior strength. ICT430-35PCR protects ferrous, non-ferrous, and multimetal parts.



Stock No.	W x L	Weight	Wt/Roll
300-M-00312	48" x 200 Yards	3/4 mil/35#	48 lbs/Roll
300-M-00319*	24" x 200 Yards	3/4 mil/35#	48 lbs/Roll

\* Call for availability.

## Zerust 35# 427 VCI Kraft Paper (Printed w/ Zerust Trademark)

Zerust ICT427 VCI Kraft Paper is formulated to provide more robust corrosion protection for demanding situations such as high-humidity and for challenging metal parts. Use Zerust VCI Paper in interleaving applications and to wrap and protect metals in shipment or storage.



Stock No.	W x L	Qty/Case
Custom	Custom Sizes Available	Custom Order

# Zerust® Rust Preventatives

Zerust offers a full line of corrosion inhibitor liquids that complement our VCI packaging solutions. Zerust rust preventatives and coatings range from aqueous-based solutions to dry to touch oils to thick greases.

## Rust Preventative Coatings and Additives

### Zerust Axxatec™ Water-based Liquids

Stock No.	Product	Type	Sizes
350-M-00004	Axxatec 77C	Multimetal	5*, 55 gal
350-M-00005	Axxatec 8110C	Multimetal additive	5*, 55 gal
350-F-00005	Axxatec 80C	Ferrous	5, 55 gal
350-F-00009	Axxatec 85-F	Ferrous	5, 55 gal
350-M-00029	Axxatec 87-M	Multimetal Compatible	5*, 55 gal



Axxatec 77C

### Zerust Axxanol™ Multimetal Oil-based Liquids

Stock No.	Product	Type	Sizes
350-M-00003	Axxanol 33	Thin oil	5, 55 gal
350-M-00010	Axxanol 33CD	Dry-to-touch oil	5, 55 gal
350-M-00012	Axxanol 34CD	Very thin oil	5, 55 gal
350-M-00019	Axxanol 750	VCI oil	5*, 55 gal *
350-M-00033	Axxanol 750-NV	Clean thin oil	5*, 55 gal *
350-M-00011	Axxanol 46-BIO	Biobased oil	1, 5, 55gal*
350-M-00023	Axxanol Spray-G	Aerosol spraygrease	12 oz <sup>(12 Cans/Case)</sup>
350-M-00023	Axxanol Spray-G	Sprayable grease	5, 55 gal
360-M-00002	Axxanol Z-Maxx LV	Thin grease	5*, 55 gal
360-M-00001	Axxanol Z-Maxx	Thick grease	5, 55 gal
350-M-00082	Axxanol A35CD-32	Near dry-to-touch oil	5*, 55 gal *



Axxanol 33

### Zerust AxxaCoat™ Coating

Stock No.	Product	Type	Sizes
350-M-00046	AxxaCoat 90	Wax film	5, 55 gal
350-M-00054	AxxaCoat 90B	Blackwax film	5, 55 gal
350-M-00055	AxxaCoat 90HF	High flash wax film	5, 55 gal
350-M-00056	AxxaCoat 90BHF	Black high flash wax film	5, 55 gal
350-M-00077	AxxaCoat 90HFS	Sprayable black high flash wax	5, 55 gal
350-M-00078	AxxaCoat 90BHF Aerosol	Aerosol spray black high flash	12 oz <sup>(12 Cans/Case)</sup>



AxxaCoat 90

### Zerust Axxavis™ Water-Soluble Powder Additives

Stock No.	Product	Type	Sizes
460-M-00002	AxxaVis HST-10	Hydrostatic test additive	25, 1200 lbs.
460-F-00005	AxxaVis PX-05-AN	Acid neutralizer	25 lbs.
460-M-00001	AxxaVis PX-10-HRD	Hard water conditioner	25 lbs.



AxxaVis PX-05-AN

\* Call for availability.  
Products sold in 1 gal come in case of 4.

# Zerust® Rust Removers

## 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.

Stock No.	Product	Type	Sizes
350-M-00014	AxxaClean 2048	Spray-On	16 oz*, 1*, 5*, 55 gal*
350-M-00015	AxxaClean 2048	Immersion	16 oz, 1, 5, 55 gal
350-M-00016	AxxaClean 2048	Brush-On	16 oz*, 1*, 5, 55 gal*

\* Call for availability.  
Products sold in 1 gal come in case of 4.  
Products sold in 16 oz come in case of 12.

### Comparison of Zerust AxxaClean Rust Remover Series

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. 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.	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.

## Safety

Safe to use and handle. Product is not hazardous for people or the environment according to EU (CLP) or OSHA HazCom 2012 (US GHS).

Product in 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).



## Benefits

Safely removes rust

Cleaned metals are ready to be painted or welded

Compatible with most metals, painted surfaces, rubber and elastomers

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

## Complementary Products

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

# Zerust® Rust Removers

## Zerust AxxaClean™ 3048

Zerust AxxaClean 3048 is a fast-acting rust and tarnish remover. It rapidly removes medium to heavy corrosion even in cracks and crevices. Cleaned surfaces are free of black-carbon residue and resistant to flash-corrosion.

Stock No.	Product	Type	Sizes
350-M-00021	AxxaClean 3048	Immersion	1*, 5*, 55 gal*
350-M-00022	AxxaClean 3048	Brush-On	8 oz*, 1*, 5*, 55 gal*

## AxxaClean ICT®620-RR

Zerust/Excor AxxaClean ICT620-RR is an effective and safe rust remover that recovers rusted parts. Simply soak items in the ready to use liquid to remove rust on surfaces and in hard to reach areas. Treatment time depends on the severity of the rust.

Stock No.	Product	Type	Sizes
350-F-00002	AxxaClean ICT620-RR	Immersion	1*, 5*, 55 gal*



# Zerust Cleaners

## AxxaWash™ NW-10C

AxxaWash NW10-C is a metalworking wash and rinse fluid that cleans and deactivates sources of corrosion such as chlorides, oils and contaminants. Cleaning with the wash solution enhances the effectiveness of future corrosion prevention methods.

Stock No.	Product	Type	Sizes
350-W-00001	AxxaWash NW-10C	Concentrate	5, 55 gal

## AxxaWash™ NW-12C

AxxaWash NW12-C is a highly effective metalworking wash and rinse fluid that inhibits flash corrosion on treated metal surface. The wash removes oily contaminants and deactivates corrosion inducing inorganic anions to provide robust post-wash flash corrosion inhibition for up to 72 hours.

Stock No.	Product	Type	Sizes
350-W-00002	AxxaWash NW-12C	Concentrate	5*, 55 gal*



\* Call for availability.  
Products sold in 1 gal come in case of 4.  
Products sold in 8 oz come in case of 12.

## Zerust Vapor Capsules™

Zerust/Excor Vapor Capsules are portable capsules that diffuse patented Zerust VCI technology. Use to protect metals in hard to reach areas of control panels, electrical cabinets and other enclosed spaces, even when they are in operation. Or use as a supplement to other Zerust VCI packaging products for added protection.

Stock No.	Model	Units/Case
375-M-00006	VC1-1(S)	50
375-M-00001	VC1-1	50
375-M-00002	VC2-1	25
375-M-00003	VC2-2	10
375-M-00004	VC6-1	4
375-M-00005	VC6-2	4



## Zerust Open Cell VCI Foam

Zerust/Excor Open Cell VCI Foam Pads are a convenient way to provide added corrosion protection in packaging. The foam pads are pre-cut, flexible and easy to insert into small spaces. They diffuse Zerust Vapor Corrosion Inhibitors (VCIs) to protect ferrous metals from corrosion, as well as multimetals.

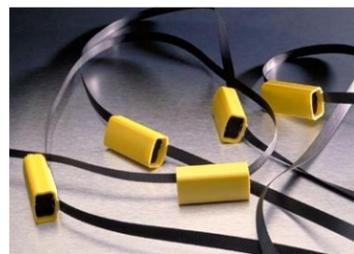
Stock No.	Model	Units/Case
375-F-00007	2" x 5" x 1/4"	1000
375-F-00008	2" x 5" x 1/4"	100



## Zerust Pipe Strip™

Zerust Pipe Strips are a residue-free, long-term corrosion protection system for the interior surfaces of ferrous and non-ferrous pipes during shipment, storage or work-in-progress. Zerust Pipe Strips are Zerust Vapor Capsules assembled on long plastic strips that can be made to any length.

Stock No.	Model	Description	Units/Case
525-M-00001	PS2-10	40' strip with 10 capsules on 4' centers)	1 strip/pack
525-M-00002	PS2-16	40' strip with 16 capsules on 2.5' centers)	1 strip/pack



## Safety

Safe for people. This product does not pose a health hazard to users due to its classification as an article according to EU REACH, UN GHS, US OSHA HazCom and CA WHMIS regulations.

Zerust VCI chemistry is safe for sensitive electronics. No galvanic effects, residues or changes in the properties of metals. The protective molecules dissipate upon opening of package.

## Zerust Plastabs®

Zerust Plastabs protect interior surfaces of your shipment by diffusing Zerust VCI. They are easy to use, safe for electronics and come in different sizes designed for small spaces.

Stock No.	Model/Dimensions	Units
425-M-00001	1" x 1"	1000/case
425-M-00002	0.75" x 0.75"	1000/case
425-M-00003	0.50" x 0.50"	1000/case
425-M-00004	0.75" x 0.75" w/adhesive	1000/case
425-M-00005	1" x 3" w/printing	10/pack
425-M-00006	1" x 3" w/printing	1000/pack



## Zerust Tube Strip™

Zerust/Excor Tube Strip can help reduce repair and maintenance costs by preventing corrosion within tubes, pipes and gun barrels. Tube Strip is a flexible plastic product that diffuses Zerust Vapor Corrosion Inhibitors (VCIs). It can be cut to any length and fits into narrow tubes and pipes and other enclosed spaces.

Stock No.	Model	Packaging
475-F-00001	1,000 ft/roll	Rolls



## Zerust Cor-Tab®

Zerust/Excor ICT Cor-Tabs are tablets that contain patented Zerust ICT corrosion inhibiting technology to provide targeted corrosion protection to ferrous and non-ferrous metal items.

Stock No.	Model/Size	Tabs/Bottle
450-M-00001	CT-25 (.25 gm)	600
450-M-00002	CT-50 (.50 gm)	300
450-M-00003	CT-10 (1 gm)	150



# Zerust® ICT® VCI Diffusers & Emitters

## Zerust ICT ActivPak® VCI Pouches

Zerust/Excor ActivPak offers powerful and fast-acting corrosion protection for challenging applications such as overseas shipping and in polluted factories. Its robust formula protects against acid gases and contaminants. Use to protect metals during operation, storage and in aggressive manufacturing and shipping environments.



Stock No.*	Model	Units/Case
375-M-00100, 1,2	ActivPak-35	10, 50, 100
375-M-00103, 4,5	ActivPak(LS)-35	10, 50, 100
375-M-00107, 8,9	ActivPak(LS)-T350	10, 50, 100
375-M-00111, 2,3	ActivPak(LS)-33	10, 50, 100
375-M-00114, 5,6	ActivPak(LS)-T330	10, 50, 100

\*The numbers listed in commas represent the last digit in part number for alternate case quantities.

## Zerust ActivCapsule™ and ActivTab(LS)™

Prevent flash-corrosion on freshly worked metal surfaces with Zerust/Excor ICT ActivTab(LS). The tablets can be dropped into spaces and contain proven Zerust ICT corrosion inhibitors. The tablets work fast to protect ferrous and aluminum metals against flash-corrosion.



Stock No.	Model	Units
375-M-00106	ActivCapsule FAC1-1(s)	50 capsules/case
450-M-00100	ActivTab(LS) AT-25	600 tablets/bottle (8/case)

## Zerust ActivPowder™

The Zerust/Excor ActivPowder(LS)-10F is a VCI (Volatile Corrosion Inhibitor) powder designed to protect metal surfaces in large voids from corrosion. This self-fogging powder combines VCI protection with a Flash Corrosion Inhibitor (FCI™) to protect against flash rust and provide long-term corrosion protection.



Stock No.	Product	Sizes
460-F-00003	ActivPowder(LS)-10F	30 lb pail*
460-F-00004	ActivPowder-10F	30 lb pail*

\* Call for availability.

## Safety

Product in 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).

# Zerust® Flange & Valve Covers and Accessories

## Zerust ICT Flange Saver® - 150 PSI, Clear, Transparent

Zerust ICT Flange saver offers an inexpensive, simple and rugged & transparent UV-resistant film cover designed for severe outdoor exposure. Transparent film allows for visual monitoring of corrosion and/or leaks inside the Flange Saver. Sized to fit standard flanges; custom sizes may be special ordered.



Stock No.	Pipe Size	Units/Case
880-F-00001	2"	20
880-F-00003	4"	20

Other sizes available upon request.

## Accessories and Tools

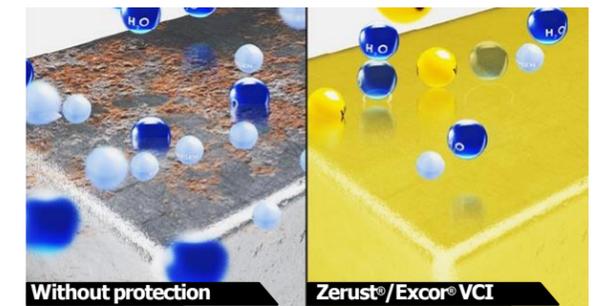
Stock No.	Description	Units/Case
350-X-00003	Rust Remover Polishing Sponge	2 pack
250-X-00001	White preservation tape 7 mil 144 mm x 55 m	8 rolls
250-X-00007	Gray preservation tape 6 mil 4" x 108'-2+yr UVI	12 rolls
250-X-00008	Gray preservation tape 6 mil 6" x 108'-2+yr UVI	8 Rolls
250-F-00105	ZIF VCI Silicone Tape 2" x 36'	12 Rolls
250-F-00108	ZIF VCI Silicone Tape 4" x 36'	4 Rolls
250-F-00106	ZIF VCI Silicone Tape 12" x 36'	2 Rolls
250-F-00107	ZIF VCI Silicone Tape 16" x 36'	2 Rolls
250-F-00107	ZIF VCI Silicone Tape 16" x 36'	2 Rolls



## What is VCI?

VCI is an abbreviation for Vapor Corrosion Inhibitor or Volatile Corrosion Inhibitor. VCIs are molecules that inhibit corrosion by forming a thin, protective layer on a metal surface within an enclosed space. This invisible layer prevents moisture and environmental elements from reacting with the metal surface and causing corrosion. The molecules dissipate when the enclosure is opened and do not need to be removed.

**“In effect, the ZERUST® VCI corrosion protection applies and removes itself.”**



## Zerust Axxanol™ 710CVCI Oil

Zerust®/Excor® Axxanol™ 710C is a corrosion preventative oil additive that protects by means of Zerust contact inhibitors and Volatile Corrosion Inhibitors (VCIs). Designed to protect internal surfaces of engines and hydraulic systems against corrosion during lay up and bunkering and other shipping and storage applications.



Stock No.	Product	Type	Sizes
350-M-00045	Axxanol 710C	Engine Oil Additive w/ Contact inhibitor	5, 55 gal

## Zerust Axxanol™ 707CVCI Oil

Zerust®/Excor® Axxanol 707C is a corrosion preventative oil additive that protects by means of Zerust Volatile Corrosion Inhibitors (VCIs). Designed to protect engines, diesel engines, hydraulic systems and gearboxes against corrosion during lay-up, bunkering and other shipping or storage applications.



Stock No.	Product	Type	Sizes
350-M-00048	Axxanol 707C	Engine Oil Additive	1, 5, 55gal

In today's competitive global marketplace, your metal products must travel thousands of miles through aggressive atmospheres, extreme daily changes of humidity and temperature, and possibly extended storage before your customers ever see them.

Zerust packaging solutions will resolve your corrosion problems while increasing your company's profitability by reducing operating costs, increasing process yields, and enhancing your customers' satisfaction. In some regions of the world, Zerust is also known as EXCOR due to language differences.

Zerust/Excor field engineers on four continents use decades of accumulated applications experience to:

- Identify and resolve corrosion causes in processes.
- Eliminate unnecessary packaging and materials handling processes.
- Design optimal customer corrosion management solutions.
- Provide point-to-point customer service in over 70 countries.

## Worldwide Zerust/Excor Technical Support

Our internationally recognized scientists and field engineers work closely with customers to design and implement comprehensive corrosion management systems. Then, Zerust representatives worldwide provide on-site technical support to ensure the efficacy of these solutions. Zerust applications engineers will assist with the on-site preparation and packaging of test shipments. At its destination, the shipment will be inspected and evaluated by a global Zerust representative.

## Laboratories and Test Facilities Across the Globe



The effectiveness of the proposed corrosion management system can be evaluated under extreme simulated climatic conditions in one of our many worldwide regional Zerust technical support centers. Zerust is a business unit of Northern Technologies International Corporation (NTIC). NTIC's management system is ISO 9001:2015 certified.

Zerust Lab Facility at NTIC in Circle Pines, Minnesota

## Global Support

Algeria	Denmark	Mexico	Sri Lanka
Angola	Ecuador	Monaco	Sweden
Argentina	Estonia	Morocco	Switzerland
Australia	Finland	Nepal	Taiwan
Austria	France	Netherlands	Thailand
Bangladesh	Gabon	Nigeria	Tunisia
Belarus	Germany	Norway	Turkey
Belgium	Hungary	Peru	Ukraine
Bhutan	India	Philippines	United Arab
Bolivia	Indonesia	Poland	Emirates and MENA
Brazil	Ireland	Portugal	(Middle East & North Africa)
Canada	Italy	Republic of Congo	United Kingdom
Chile	Japan	Romania	United States
China	Kazakhstan	Russia	Uruguay
Colombia	Korea	Singapore	Vietnam
Czech Republic	Latvia	Slovak Republic	
Democratic Republic of the Congo	Lithuania	Slovenia	
	Luxembourg	South Africa	
	Malaysia	Spain	

**Warranty:** 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). Before use, Buyer/User shall determine suitability of the product for its intended use, and Buyer/User assumes all risk and liability in connection therewith. 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. Buyer/User agrees that, if product proves to be defective, Seller's obligation shall be to replace or refund the purchase price of such product at Buyer's option. Seller shall not be liable in tort or contract for any loss or damage, incidental or consequential.

**Disclaimer:** All statement, 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.

©2013-2019 Northern Technologies International Corporation (NTIC). All Rights Reserved. NTIC is the owner of the following trademarks: ActivPak®, Cor Tab®, EXCOR®, Flange Saver®, ICT®, NTI®, Plastabs®, Z-CIS®, Zerion®, ZERUST®, 洁乐特 and the Color "Yellow". ABRIGO®, UNICO®, and VALENO® are registered trademarks of EXCOR GmbH, a Joint Venture Partner of NTIC.



**CONTACTO:**  
**RAUL GARCIA**  
 Ventas y Asesoría Técnica.

✉ [rgarcia@laks.mx](mailto:rgarcia@laks.mx)  
 ☎ (442) 3590670