

▶ ZERUST® ActivPowder™ (LS)-10F

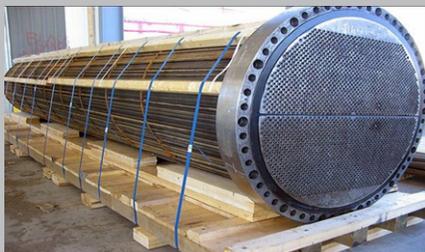
ZERUST®/EXCOR® ActivPowder™(LS)-10F is a VCI (Volatile Corrosion Inhibitor) powder designed to protect metal surfaces in large voids from corrosion. This self-fogging powder combines VCI protection with a Flash Corrosion Inhibitor (FCI™) to protect against flash rust and provide long-term corrosion protection.

ZERUST®/EXCOR® ActivPowder™(LS)-10F is a powerful ferrous corrosion inhibitor powder for challenging applications. The exceptionally fast diffusion rate of ZERUST® Activ™ inhibitors enables rapid delivery of protection, even in hard-to-reach spaces of structural voids, tubing, and cavities. It also provides effective surface passivation to protect lightly contaminated metal surfaces from corrosion. Add ActivPowder™(LS) to voids to prevent corrosion after hydrostatic testing.

Apply powder by sprinkling or fogging into void spaces. To apply by spray, use a solution of powder dissolved in deionized water. Then, tightly seal the void or enclosure. At the end of its service life, ActivPowder™(LS)-10F powder may be removed or remain in the enclosure. The powder is water-soluble and should be added to any standing water that cannot be removed from the enclosure. The ActivPowder™(LS) powder is a low-odor, nitrite-free formula and has a REACH-compliant Safety Data Sheet (SDS) available. In addition, ActivPowder™(LS)-10F conforms to Vapor Inhibitor Ability (VIA) when tested according to NACE Standard TM 0208-2013.

Application Example

Protect hard-to-reach spaces with rapidly diffusing ActivPowder™(LS). It quickly reaches surfaces of internal spaces via its auto-fogging properties, such as the inside of heat exchangers.



▶ Benefits

Fast-acting and effective on hard-to-reach surfaces

Safe* and easy to use

Protects against flash corrosion

Does not cause hydrogen embrittlement

Protects against acid gases, salt air, and other challenging contaminants

Powerful and long-lasting protection

Application Type

Storage
Shipping
During Operation
May be used with ZERUST® Packaging

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



Protect large void spaces of metals assets in storage and lay-up

Product Information

Description	ZERUST®/EXCOR® ActivPowder™(LS)-10F is a VCI (Vapor Corrosion Inhibitor) and FCI™ (Flash Corrosion Inhibitor) white powder.	
Protected Metal Types	Ferrous protection. Multimetal compatible. Do not place in direct contact with copper, brass, or zinc. Test before use.	
Properties	pH	9 - 10.5
	Solubility	> 25 g/L

Storage Store tightly closed in the original bag and box in a cool, dry place and away from sunlight for up to 2 years from the date of shipment. Store at or below 40% RH.

Protection Capabilities*

ZERUST® Product Name	Normal Environment**		Aggressive Environment**	
	Volume of Protection (Up To)	Duration of Protection (Up To)	Volume of Protection (Up To)	Duration of Protection (Up To)
ActivTab™(LS)-25	0.25 ft³ (0.0071 m³)	6 months	0.025 ft³ (0.0007 m³)	15 days
ActivCapsule™ FAC1-1s	4 ft³ (0.12 m³)	1 year	0.35 ft³ (0.01 m³)	1 month
ActivPak®(LS)-35	35 ft³ (1 m³)	1 year	11 ft³ (0.3 m³)	2 months
ActivPak®-35	35 ft³ (1 m³)	2 years	11 ft³ (0.3 m³)	4 months
ActivPowder™(LS)-10F	1 lb = 280 ft³ (8 m³)	For years	1 lb = 90 ft³ (3 m³)	1 year
ActivPowder™-10F	1 lb = 280 ft³ (8 m³)	For years	1 lb = 90 ft³ (3 m³)	1 year

* Protection ratings are based on the highest average tested protection properties and are not guaranteed. Results may vary according to usage environment and metal surface properties such as contaminants.

** Normal environment (below 0.2 ppm SO₂) defined as warehouses, light industrial areas, and shipping and storage in sealed packaging or enclosures. An aggressive environment (at or above 0.2 ppm SO₂) is defined as areas located in the vicinity of salts and acid gases, such as oceans, petrochemical sites, wastewater treatment, and pulp-paper plants or in enclosures that are not well sealed.

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Availability

ZERUST®/EXCOR® ActivPowder™(LS)-10F is stocked in cases (packed in 2 mylar bags in each case). Call to confirm. Additional quantities, such as super sacks, are available upon request.

Part Number	Quantity
460-F-00016	30 lb (13.6 kg)*

* +/- 2% net weight

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 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).
- The product is nitrite-free. It is manufactured on shared equipment that processes nitrites and may contain trace amounts.

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

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

