

# ZERUST® Axxanol™ 718-ESS

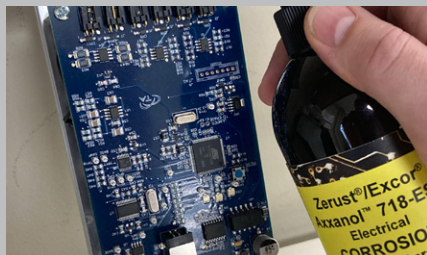
ZERUST®/EXCOR® Axxanol™ 718-ESS is a multimetal electrical corrosion inhibitor spray designed for challenging environments where acid gas vapors and humidity are present.

ZERUST® Axxanol™ 718-ESS leaves a thin, water-displacing, non-staining, non-hardening, soft film. Axxanol™ 718-ESS can be used on any metal surface, such as hinges, machinery, electronic components, electric cabinets, junction boxes, and all types of metallic sliding parts to provide corrosion protection and lubrication. Easy to use, suited for in-service use, and intended for indoor and short-term outdoor protection and lubrication. Axxanol™ 718-ESS does not modify the conductivity of electronic components. Axxanol™ 718-ESS contains no CFCs or 1,1,1-Trichloroethane. Axxanol™ 718-ESS was designed to conform to key aspects of MIL-PRF-81309H.

ZERUST® Axxanol™ 718-ESS is conveniently offered as a ready-to-use product. For large volume users who require a customized product for a specialized application, please contact your assigned ZERUST®/EXCOR® sales representative for further information.

## Application Example

ZERUST® Axxanol™ 718-ESS is applied to a circuit board to prevent corrosion on the parts during overseas shipment.



## Benefits

Does not interfere with electrical contacts or resistivity

Leaves a thin, non-hardening, clear coating on surfaces

Good water displacement characteristics

Good acid gases, salt spray, and humidity resistance

UV fluorescence for ease of coverage determination

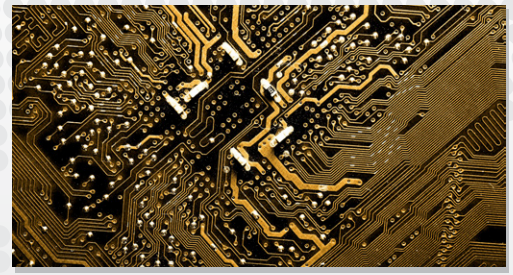
Conforms to key aspects of MIL-PRF-81309H

Protects metals indoors and outdoors

Not regulated for transport

## Application Type

During operation  
Storage  
Shipping



## Product Information

**Description** Dark amber liquid ready-to-use corrosion inhibitor spray for electrical and general purpose applications

**Application** Apply via spray  
 See Axxanol™ 718-ESS Technical Data Sheet for detailed application instructions.  
 Rec'd application temperature < 130°F (54.4°C)  
 Drying ~60 mins @ 70°F (21°C)

**Properties** Removability Mineral spirits type solvent and gentle wiping with a lint-free cloth.  
 VOC content 30.4 lb/gallon  
 Flashpoint ASTM D93B 145°F (62.8°C)  
 Viscosity Water-like

**Protection Info†** Metal types Multimetals compatible

**Compatibility** Since Axxanol™ 718-ESS is a stand-alone corrosion inhibitor product that creates a coating on the metal surface, the VCIs may not reach the metal surface, so they will not provide any additional corrosion protection. However, if there are hard-to-reach metal surfaces that are not coated by Axxanol 718-ESS and are in a sealed enclosure, ZERUST® Vapor Capsules may be used to provide VCI protection to those surfaces.

**Storage** Store in a cool, dry place and away from sunlight in the original packaging. Storage temperature should be kept between 25 – 120°F (-4 – 49°C) for up to 2 years from the date of shipment. Shake the product well before each use. Reseal or close the container cap after each use.

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

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## Availability

ZERUST®/EXCOR® Axxanol™ 718-ESS is sold as a ready-to-use product. Contact your ZERUST®/EXCOR® representative for ordering information.

Part Number	Quantity*
350-M-00092PT	16 oz (453 g) bottles w/ spray nozzles (12/case)
350-M-00092AC	12 oz (320 g) aerosol cans (12/case)

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

## 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).

## Safety/Precautions

- Shut off power when applying Axxanol™ 718-ESS.
- Axxanol™ 718-ESS is a combustible product and should be stored appropriately.
- Axxanol™ 718-ESS is a skin and eye irritant.
- Provide adequate ventilation to minimize vapor concentrations.
- Avoid contact with skin and eyes.
- Do not breathe mist, spray, or vapors.
- Wear personal protective equipment as stipulated in Safety Data Sheet.

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