



Innovation and Experience at Work

SuperCORR A The Corrosion Prevention Lubricant

SuperCORR A is a unique, EPA and RoHS-compliant surface-treatment for metals that lubricates, prevents corrosion and improves a metal's strength, flexibility and fatigue life.

A super thin film of SuperCORR A forms a hydrophobic, non-flammable, corrosion-resistant lubricating film on virtually any metal surface. It fills microscopic crevices in the metal's surface, where environmental corrosion is likely to start, and creates a durable, wide-temperature lubricating film between metal surfaces to prevent both galvanic and fretting corrosion.

SuperCORR A was initially designed to extend the operating life and ensure continuous performance of electrical contacts. Currently, it is used in a variety of industries as an effective lubricating barrier to water, salt water, extreme temperatures and corrosion.

SuperCORR A in the Field

Military SuperCORR A meets the corrosion-related performance requirements of MIL-DTL-87177B. It is used on F-15, F-16 and P-3 avionics and connectors, on P-3 flap tracks, jackscrews, asymmetry detector chains and more than 100 corrosion prone mechanical structural areas.

Avionics SuperCORR A is approved by Boeing, Bombardier, Cessna, Embraer, Lear, Gulfstream, Hawker-Beechcraft, Northrop-Grumman, Raytheon

and other manufacturers to protect electrical and electronic components from moisture, general and fretting corrosion.

Electronics A super thin film of SuperCORR A prevents corrosion on metals in connectors, terminations, switches, relays, PCBs and other electrical and electronic components. It also provides a lubricating film between mated surfaces to protect against electrical resistance failures caused by galvanic and fretting corrosion.

Marine SuperCORR A is used on electrical and electronic equipment, as well as slow moving, close-tolerance components, on submarines, commercial fishing fleets and recreational marine vessels to prevent corrosion in humid conditions and when exposed to salt water.

Transportation SuperCORR A is used on electrical and close tolerance mechanical assemblies such as bearings, actuators, switches, airline connections and high voltage mating jumpers on trains and trucks. Amtrak (AMS# 373703700) specifies SuperCORR A to improve mating of 480V car jumpers and to prevent corrosion, over-heating and electrical pitting on connector pins and lugs.



Applying SuperCORR A

SuperCORR A can be applied by dipping, brushing or spraying a super thin surface coating (less than 1 mil is adequate) on the metal surface. A UV dye can be added for quality inspection.

For best results

1. Wipe off dirt and excess moisture from surface to be protected prior to applying the corrosion preventive compound.
2. Apply a thin uniform coat of corrosion preventive compound directly on area to be protected.
3. Allow to dry for 30 minutes.
4. Apply a second uniform coat of corrosion preventive compound.
5. Application by wiping is not recommended. Reapplication of compound is necessary after solvent cleaning or where coating has been damaged by abrasion.

Ordering SuperCORR A

Bulk: 1 to 5 gallon containers and drums

Aerosol: 16 ounce cans (12 ounce net)

Inquiries for Authorized Distributorships for aerosol cans welcome.

Contact: ECL Customer Service at 630-449-5000 or SuperCORR@ecllube.com

***Product Note:** In 2015, Molex Incorporated acquired SuperCORR A, formerly manufactured by Lektro-Tech, and partnered exclusively with ECL to manufacture and distribute SuperCORR A.*



A QUAKER CHEMICAL COMPANY

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ECLI Products, LLC, does business as Engineered Custom Lubricants (ECL).