



VpCI® EMITTING SYSTEMS & ELECTRONIC PRODUCTS



# *ElectriCorr*® VpCI®-238 Multi-Metal Cleaner Protector



## PRODUCT DESCRIPTION

*ElectriCorr* VpCI-238 is an electronic cleaner containing Vapor phase Corrosion Inhibitor(VpCI). This cleaner is specifically formulated for electrical/electronic equipment, and components.

*ElectriCorr* VpCI-238 forms a thin film of Vapor phase Corrosion Inhibitors effective against aggressive environments including industrial, marine, and tropical climates. This film does not alter the electrical resistance or magnetic properties of metal substrates. *ElectriCorr* VpCI-238 can be safely applied to protect circuits or relays without causing any changes in conductivity. It can be safely used with most plastics, elastomers, and other non-metallics.

*ElectriCorr* VpCI-238 is an effective inhibitor of galvanic corrosion for most metals and alloys normally found in electronics applications, such as aluminum, copper, ferrous, and other non-ferrous metals. *ElectriCorr* VpCI-238 is free of CFCs and 1,1,1-Trichlorethane. Application provides instant corrosion protection. In cases where severe corrosion may occur, *ElectriCorr* VpCI-238 can be used along with VpCI-100 series impregnated foam devices for extended protection.

## FEATURES

- Instant corrosion protection
- Long-term multi-metal protection
- Minimized field service
- Increased corrosion protection at a lower cost than conventional rust preventatives
- CFC- and 1,1,1-Trichlorethane-free
- Vapor phase protection in vented or unvented enclosures
- May be used as a cleaning agent
- Moisture-displacing and penetrating film characteristics
- NSN #6850-01-413-9361 (aerosol form)

## TYPICAL APPLICATIONS

- Printed circuit boards
- Electrical contacts and components
- Electric motors
- Corrosion protection of different metals in humid environment
- Generators and junction boxes
- Spray for use after final assembly or in the field

## INDEPENDENT TESTING

*ElectriCorr* VpCI-238 has been tested by a world-renowned laboratory under accelerated conditions per the Batelle Flowing Mixed Gas Test in a Class III environment. The results showed excellent multi-metal protection equivalent to a 7-years protection interval in an indoor electronics environment.



## APPLICATION

Dip part to be cleaned in VpCI-238 or spray with *ElectriCorr* VpCI-238. Remove excess by drip, wipe, or other conventional method. Dry time is approximately 1-2 hours at 70°F and 50% relative humidity. Forced air is not recommended due to possible condensate and/or compressor oil contamination.

The amount of *ElectriCorr* VpCI-238 necessary to maintain a sufficient concentration of vapors will depend on factors such as the efficiency of sealing enclosures (air circulation), volume of the enclosure, atmospheric conditions, and the density/porousness of the walls.

Application is effective for 6+ months with proper controls.

## PACKAGING AND STORAGE

*ElectriCorr* VpCI-238 is available in 5 gallon (19 liter) pails, 55 gallon (208 liter) drums, liquid totes, and bulk. *ElectriCorr* VpCI-238 is also available in aerosol form, packaged in cartons of six 9.45 oz (267.75 gram) cans. *ElectriCorr* VpCI-238 should be kept from high temperatures and in normal warehouse conditions to prevent from freezing. *ElectriCorr* VpCI-238 has a shelf-life of 3+ years in sealed packages.

## PHYSICAL PROPERTIES

Appearance	Clear yellow liquid
Non-volatile Content	7-10%
Density	6.5-6.8 lb/gal (0.77-0.81 kg/l)
Flash Point	143½°F (62½°C)

## FOR INDUSTRIAL USE ONLY

**KEEP OUT OF REACH OF CHILDREN**

**KEEP CONTAINER TIGHTLY CLOSED**

**NOT FOR INTERNAL CONSUMPTION**

**CONSULT MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION**

### LIMITED WARRANTY

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