

# ElectriCorr® VpCI™ -248



## PRODUCT DESCRIPTION

Designed for use in a sheltered environment, ElectriCorr® VpCI™ -248's continuous vapor action saves money by extending product life and eliminating downtime due to corrosion. ElectriCorr® VpCI™ -248 forms a molecular film effective against aggressive environments, including industrial, marine and tropical climates. This film does not alter the electrical, resistance or magnetic properties. ElectriCorr® VpCI™ -248 can be safely applied for protection of even low-voltage circuits or relays without causing any changes in conductivity. It can be safely used with plastics, elastomers and other non-metallics. In addition to corrosion protection, ElectriCorr® VpCI™ -248 is an excellent contact cleaner of oils, grime and other contaminants.

ElectriCorr® VpCI™ -248 is an effective inhibitor of galvanic corrosion for most metals and alloys normally found in electronics applications, such as aluminum, copper, ferrous and non-ferrous metals. Application provides instant corrosion protection. ElectriCorr® VpCI™ -248 is thermally stable, non-flammable, and based on environmentally sensible fluorocarbon solvents, which are exempt from VOC regulations by the US EPA.

## FEATURES

- Non-flammable
- Instant corrosion protection
- Long-term protection
- Minimized field service
- Increased corrosion protection at a lower cost than conventional rust preventives
- CFC and 1,1,1-Trichlorethane-free
- Not listed as ODP, MAP or SARA reportable
- The carrier solvents are exempt from VOC regulations by the US EPA (October 8, 1996, September 24, 1997, Federal register)
- Vapor phase protection in vented or unvented enclosures
- May be used as a cleaning and defluxing agent
- Moisture-displacing and penetrating film characteristics

## TYPICAL APPLICATIONS

- Ideal for general and precision cleaning
- Printed circuit boards
- Electrical contacts and components
- Electric motors
- Protects copper bearings, ferrous and non-ferrous metals, aluminum, etc.
- Can be used in contact with majority of engineering plastics, elastomers and other non-metallics
- Generators and junction boxes
- Spray for use after final assembly or in the field

## APPLICATION

Spray a very light mist over the area needing protection.

**Note:** Application of a heavy mist will result in a heavy film that sags and remains wet. More is not necessarily better and could cause fouling or other complications of electrical connections.

Application is effective for 6+ months with proper controls.

## PACKAGING AND STORAGE

ElectriCorr® VpCI™ -248 aerosol spray is available in cartons of six 12 oz. (340 gram) cans. ElectriCorr® VpCI™ -248 should be kept from high temperatures and in normal warehouse conditions to prevent from freezing. ElectriCorr® VpCI™ -248 has a shelf-life of 3+ years in sealed packages.

## PHYSICAL PROPERTIES OF LIQUID

Appearance Clear slightly yellow liquid  
Non-volatile Content 6-8%  
Density 11.0-11.5 lb/gal (1.32-1.38kg/l)

Resistance Change of Applied Film	
Time (Minutes)	Resistance (ohms)
Initial	Over 20 megohms
Immediate	7.83 megohms
1 minute	8.71 megohms
2 minutes	10.96 megohms
3 minutes	12.36 megohms
4 minutes	14.40 megohms
120 minutes	Over 20 megohms

## 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**

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