

VpCI™ EMITTING SYSTEMS & ELECTRONIC PRODUCTS

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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Distributed by:

4119 White Bear Parkway, St. Paul, MN 55110 USA
Phone (651) 429-1100, Fax (651) 429-1122
Toll Free (800) 4-CORTEC, E-mail info@cortecvci.com
Internet <http://www.CortecVpCI.com>

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