



VpCI™ EMITTING SYSTEMS & ELECTRONIC PRODUCTS

ElectriCorr® VpCI-238 Multi-Metal Cleaner Protector



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
- In aerosol NSN #6850-01-413-9361

PRODUCT DESCRIPTION

ElectriCorr® VpCI-238 is an electronic cleaner containing Vapor phase Corrosion Inhibitor. 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-metals.

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 non-conductive and 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

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.



CORTEC
CORPORATION

Environmentally Safe VpCI™/MCI® Technologies

APPLICATION

Dip part to be cleaned and/or protected into a bath of *ElectriCorr* VpCl-238. Remove excess by drip, wipe or other conventional method. Forced air is not recommended due to possible condensate and/or compressor oil contamination.

The amount of *ElectriCorr*® VpCl-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® VpCl-238 is available in 5 gallon (19 liter) pails, 55 gallon (208 liter) drums, liquid totes and bulk. *ElectriCorr* VpCl-238 is also available in aerosol form, packaged in cartons of six 9.45 oz (267.75 gram) cans. *ElectriCorr*® VpCl-238 should be kept from high temperatures and in normal warehouse conditions to prevent from freezing. *ElectriCorr*® VpCl-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

All statements, technical information and recommendations contained herein are based on tests Cortec Corporation believes to be reliable, but the accuracy or completeness thereof is not guaranteed.

Cortec Corporation warrants Cortec® products will be free from defects when shipped to customer. Cortec Corporation's obligation under this warranty shall be limited to replacement of product that proves to be defective. To obtain replacement product under this warranty, the customer must notify Cortec Corporation of the claimed defect within six months after shipment of product to customer. All freight charges for replacement products shall be paid by customer.

Cortec Corporation shall have no liability for any injury, loss or damage arising out of the use of or the inability to use the products.

BEFORE USING, USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR ITS INTENDED USE, AND USER ASSUMES ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION THEREWITH. No representation or recommendation not contained herein shall have any force or effect unless in a written document signed by an officer of Cortec Corporation.

THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE. IN NO CASE SHALL CORTEC CORPORATION BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.



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.CortecVpCl.com>

printed on recycled paper  10% post consumer

Revised 6/27/06. Cortec Corporation 2001-2006. All rights reserved. Supersedes: 5/2/06.
ElectriCorr® is a trademark of Cortec Corporation
© 2001-2006, Cortec Corporation. All Rights Reserved. Copying of these materials in any form without the written authorization of Cortec Corporation is strictly prohibited.

Distributed by:

ECORR Systems
a Division of Root International, Inc.
24650 State Road 54
Lutz, FL 33559

sales@ecorrystems.com
www.ecorrystems.com

Tel: 866-830-4050
Fax: 813-264-1975