



VpCI®-369



PRODUCT DESCRIPTION

VpCI-369 is our best inhibitor for use as an oil additive and/or temporary coating. The protective film is self-healing and moisture-displacing, providing superior protection against aggressive environments. VpCI-369 is also excellent when used as an oil additive for mothballing, shipping, or storage of parts and equipment. In small percentages, VpCI-369 has a minimal effect on viscosities.

VpCI-369 is available prediluted with mineral spirits at the ratio 1:1 as VpCI-369 H, which is recommended for spray can applications.

FEATURES

- Self-healing
- Excellent lubricity
- Extends tool life for metalworking operations
- Excellent outdoor protection
- Excellent oil additive
- Dilutable with oil
- Meets MIL-PRF-16173E (Grade 2)
- NSN 8030-00-244-1295
- NSN 8030-00-244-1297
- NSN 8030-00-244-1298
- NSN 8030-01-149-1731

TYPICAL APPLICATIONS

- Wire rope
- Electrical connections/wiring
- Sheltered coating
- Gear protectant/lubricant
- Long-term (5+ years) equipment lay-up
- Stamping oil additive
- Drawing oil additive
- Cylinders
- Working/moving parts

PROTECTION PROPERTIES

	ASTM	DFT	Carbon Steel (1010)	Aluminum
Humidity	D-1748	2-3 mil (50-75 microns)	7000+ hr	3000+ hr
Salt Spray	B-117	2-3 mil (50-75 microns)	3500+ hr	3500+ hr

METALS PROTECTED

- Silver
- Cast Iron
- Stainless Steel
- Copper
- Magnesium
- Aluminum
- Carbon Steel

MINIMUM REQUIREMENTS FOR SURFACE PREPARATION

NACE	SSPC	ARS
4	7-63	As low as B-3

Methods for Monitoring:
Wet Film Thickness Gauge

TYPICAL PROPERTIES

Appearance	Light beige/tan viscous liquid
Film Type	Oily
Flash Point	233°F (112°C)
Shelf Life	24 months @ 75°F (24°C)
Non-volatile Content	95-99%
Theoretical Spread Rate	753-1506 ft ² /gal @ 1-2 mils (18.8-37.6 m ² /l @ 25-50 microns)
Viscosity	10,000-45,000 cps
Weight per Gallon	7.7-8.4 lb/gal (0.92-1.01 kg/l)
Temperature Resistance (Fully Cured)	-108°F to 500°F (-78°C to 260°C)



APPLICATION

Product Preparation:

Product should be mixed thoroughly and uniform prior to use.

Product Application:

Product can be applied by spray, brush, roll, or dip. Normal DFT is 1-3 mils (25-75 microns). Apply VpCI-369 in a well-ventilated area.

Air-Assisted Spray Equipment:

<u>Manufacturer</u>	<u>Gun Model</u>
Graco	AA Plus

Airless Spray Equipment:

<u>Manufacturer</u>	<u>Gun Model</u>
Graco	Model 510

Fluid hose should be 3/8" I.D. with a length of 10'. A 1/4" whip hose may be used for ease of application. Best results will be achieved by using a 0.011"-0.015" tip at 1700 psi (117 bar). The minimum fluid atomization pressure required is 1500 psi (103 bar), which gives 2-4 mils (50-100 microns) WFT/pass.

Product Cleanup:

For cleanup of tools and overspray, use alkaline cleaners such as Cortec VpCI-414 or mineral spirits

LIMITATIONS

VpCI-369 can be removed if applied in splash zones, heavy rains, or similar conditions. Parts protected with VpCI-369 should be sheltered for best results.

PACKAGING

VpCI-369 and VpCI-369 H are available in 5 gallon (19 liter) plastic pails, 55 gallon (208 liter) metal drums, and VpCI-369 is also available in diluted forms.

Available as CorShield® VpCI-369 in 11 oz. (312 g) aerosol cans.

FOR INDUSTRIAL USE ONLY

KEEP OUT OF REACH OF CHILDREN

KEEP CONTAINER TIGHTLY CLOSED

NOT FOR INTERNAL CONSUMPTION

CONSULT 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.cortecvci.com>

printed on recycled paper  100% post consumer
Revised 8/5/13. ©Cortec Corporation 2001-2013. All rights reserved. Supersedes: 11/12/10
Cortec® is a trademark of Cortec Corporation. © 2010, Cortec Corporation. All Rights Reserved. Copying of these materials in any form without the written authorization of Cortec Corporation is strictly prohibited. ISO accreditation applies to Cortec's processes only.

Distributed by: