



# VCI-368 FD

## PRODUCT DESCRIPTION

VCI-368 FD is a faster drying version of VCI-368. Depending on the application, this version offers the flexibility needed when drying time is an overriding factor.

VCI-368 FD provides excellent protection to metal substrates exposed to harsh outdoor conditions. VCI-368 FD leaves a firm, wax-like film that is easily removed by alkaline cleaners such as Cortec® VCI-414, or solvents for quicker results.

## FEATURES

- Remains flexible.
- Excellent salt spray protection.
- Excellent outdoor protection.
- Multimetal protection.
- Self-healing film.
- Excellent UV resistance.
- Moisture displacing.
- Cured film is heat stable up to 392°F (200°C),
- Conforms to MIL-C-16173D (Grades 1 and 2).
- NSN 8030-00-62-6950.
- NATO 6850-66-132-5848.
- NATO 6850-55-132-6099.

## TYPICAL APPLICATIONS

- Pipe protection
- Machine lay-up
- Long-term unsheltered atmospheric protection
- Underbody coating
- Offshore platforms and equipment

## METALS PROTECTED

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

## PROTECTION PROPERTIES

|                   | ASTM  | DFT                         | Carbon Steel (1010) |
|-------------------|-------|-----------------------------|---------------------|
| <b>Salt Spray</b> | B-117 | 2-3 mils<br>(50-75 microns) | 900-1500 hr.        |

## APPLICATION

Surface Preparation:

| NACE   | SSPC   | ARS      |
|--------|--------|----------|
| 3 or 4 | 6 or 7 | High B-2 |

Product Cleanup:

Use solvents or mineral spirits for cleanup of tools and overspray.

## TYPICAL PROPERTIES

|                      |   |
|----------------------|---|
| Appearance           | Dark brown viscous liquid   |
| Film Type            | Firm waxy   |
| Drying to Touch Time | 0.5-2 hours   |
| Shelf Life           | 12 months @ 75°F (24°C)   |
| Non-volatile Content | 60-68%  |
| Coverage             | 320-365 ft <sup>2</sup> /gal @ 3 mils<br>(8-9 m <sup>2</sup> /l @ 75 microns) |
| Viscosity            | 1000-5000 cps   |
| Weight per Gallon    | 7.2-7.5 lb/gal (0.86-0.90 kg/l)   |

Note: Coating dry time is affected by temperature, air-flow and humidity.

## PACKAGING AND STORAGE

VCI-368 FD is available in 5 gallon (19 liter) steel pails, 55 gallon (208 liter) metal drums, totes and bulk.



## RECOMMENDED SPRAY EQUIPMENT

This information is based on spraying VCI-368 FD at 3 parts concentrate to 1 part mineral spirits. The viscosity range is between 100-1,000 cps. If using a dilution other than this, please consult a Cortec or Graco representative.

|                             |   |
|-----------------------------|---|
| Model                       | 510/AA Plus or Airless                            |
| Pump                        | 30:1 President                                    |
| Tip                         | 0.011-0.015 in (0.027-0.038 cm)                   |
| Cap                         | Standard  |
| Filter                      | 60 Mesh High Pressure                             |
| Air Pressure                | 80 psi  |
| Fluid Hose                  | 3/8" x 10' with ~" whip hose for ease of handling |
| Fluid Pressure (Supply/Gun) | 2000/1700 psi                                     |

The minimum fluid atomization pressure required is 1500 psi, which gives 2-4 mils (50-100 microns) WFT/pass.

## 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 (612) 429-1100, Fax (612) 429-1122  
Toll Free (800) 4-CORTEC, E-mail [info@cortecvci.com](mailto:info@cortecvci.com)  
Internet <http://www.cortecvci.com>

Distributed by:

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

[sales@ecorrystems.com](mailto:sales@ecorrystems.com) Tel: 866-830-4050  
[www.ecorrystems.com](http://www.ecorrystems.com) Fax: 813-264-1975

printed on recycled paper  10% post consumer

Revised 6/16/98. Cortec®, Corwipe®, EcoSpray®, EcoWeave®, MCI®, Cor-Lube™, Cor-Mastic™, Cor-Pak™, Corrosbars™, EcoCoat™, EcoShield™, Electricor™, Migrating Corrosion Inhibitors™, Migratory Corrosion Inhibitors™, PrimeCoat™, Total Corrosion Control™, VCI Film Color of Blue™ and VHDRS™ are trademarks of Cortec Corporation. ©Cortec Corporation 1998. All rights reserved. Supersedes: 1/98.

