



# HIGH PERFORMANCE VCI COATINGS

## VCI-367

### PRODUCT DESCRIPTION

VCI-367 is a non-tacky solvent-based temporary coating that provides excellent multimetal corrosion protection. VCI-367 has several unique characteristics that set it apart from all other temporary coatings - it is non-tacky, does not run when heated to 200°F or higher, can be submerged in water, multiple coats can be applied and can be topcoated in some cases.

### FEATURES

- Non-tacky
- Excellent salt spray resistance
- Excellent humidity resistance
- Resistant to sagging at 200°F+
- Good water resistance
- Multiple coats can be applied without thinning out
- VCI-367 can be topcoated with a number of coatings
- High solids

### METALS PROTECTED

- Carbon steel
- Cast iron
- Aluminum
- Stainless steel
- Galvanized steel
- Copper

### APPLICATION

VCI-367 can be used as a single coat or as a primer with some topcoats. The topcoat should be evaluated for compatibility and intercoat adhesion with VCI-367.

VCI-367 can be applied with a spray gun, roller or brush. Mineral spirits should be used to dilute VCI-367 when needed.

### TEST DATA ON COLD-ROLLED STEEL\*

ASTM B 117 (Salt Spray) 1000 hr.  
 ASTM D 1748 (Humidity) 1000 hr.

\*2.0-2.5 mils (50-62.5 microns) dry film thickness

### RECOMMENDED SPRAY EQUIPMENT

The following information is based on VCI-367 sprayed at 3 parts concentration to 1 part mineral spirits. If using a dilution other than this, consult a Cortec or Graco representative.

Model	510 Airless/AA Plus
Pump	30:1 President
Tip	0.011-0.015 in (0.028-0.038 cm)
Cap	Standard
Filter	60 Mesh High Pressure
Air Pressure	80 psi (6 bar)
Fluid Hose	3/8" x 10' with 14" whip hose for ease of handling (0.8 cm x 3 m with 35" hose)
Fluid Pressure (Supply Gun)	100/1700 psi (7/117 bar)

The minimum fluid atomization pressure required is 1500 psi (103 bar), which gives 2-4 mils (50-100 microns) wet film thickness/pass.

### PACKAGING

VCI-367 is available in 5 gallon (19 liter) pails, 55 gallon (208 liter) drums, liquid totes and bulk.

### PHYSICAL PROPERTIES

Appearance	Tan liquid
Non-volatile Content	66-72%
Dry Film Thickness	1-3 mils (25-75 microns)
Theoretical Spread Rate	545 ft <sup>2</sup> /gal at 2 mils (13 m <sup>2</sup> /l at 50 microns)
Dry to Touch Time	8-16 hours
VOC	2.5 lb/gal (0.30 kg/l)
Viscosity	5,000-10,000 cps
Flash Point	109°F (43°C)
Density	8.8-9.0 lb/gal (1.05-1.08 kg/l)



**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](mailto:info@cortecvci.com)  
Internet <http://www.cortecvci.com>

Distributed by:



**OTiK Sp. z o.o.**  
ul. Hutnicza 4  
81-061 Gdynia  
tel.: 58 6230498  
fax: 58 6230496  
[otik@use.pl](mailto:otik@use.pl)  
[www.inhibitory.use.pl](http://www.inhibitory.use.pl)

printed on recycled paper  10% post consumer

Revised 12/4/00. Cortec Corporation 2000. All rights reserved. Supersedes: None.



Certificate No. 70781