



## HIGH PERFORMANCE VpCI™ COATINGS

# VpCI®-369 M



### PRODUCT DESCRIPTION

VpCI®-369 M is the ready-to-use version of VpCI®-369 and meets MIL-PRF-16173E (Grade 2). This product is prediluted, eliminating the need for measuring and mixing.

VpCI®-369 M is designed to protect in sheltered conditions for long-term (3-7 years protection) outdoors. Military specification testing shows this product to be exceptional in many applications. Extensive field applications are successful all over the world in different climatic conditions.

### PROTECTION PROPERTIES

	ASTM	DFT	Carbon Steel (1010)
<b>Humidity</b>	D-1748	2 mils (50 microns)	2000 hr.
<b>Salt Spray</b>	B-117	2 mils (50 microns)	170 hr.
<b>Prohesion</b>	G-85-7	2 mils (50 microns)	500 hr.

### FEATURES

- Ideal for dipping
- Easy to remove
- Thermally stable over a broad range of temperatures
- Remains soft
- Consistent film build
- Meets MIL-PRF-16173E (Grade 2)
- Listed QPL 4260-1535 (Grade 2)
- NSN 8030-00-244-1298
- NSN 8030-01-149-1731

### TYPICAL APPLICATIONS

- Mothballing and layup
- Shipping
- Protective coating
- Storage

### METALS PROTECTED

- Brass
- Cadmium
- Cast Iron
- Steel
- Magnesium
- Lead-calcium alloy
- Zinc



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Environmentally Safe VCI/MCI® Technologies

## TYPICAL PROPERTIES

Appearance	Reddish-brown liquid
Film Type	Oily
Flash Point	113°F (45°C)
Shelf Life	6 months @ 75°F (24°C)
Non-volatile Content	52-58%
Theoretical Spread Rate	420-465 ft <sup>2</sup> /gal @ 2 mils WFT (10-11 m <sup>2</sup> /l @ 50 microns)
Viscosity	200-700 cps
Density	7.1-7.5 lb/gal (0.85-0.90 kg/l)

## APPLICATION

### Product Preparation:

Product should be mixed thoroughly prior to use.

### Product Application:

Product can be applied by spray, brush, roll or dip. Normal DFT is 2 mils (50 microns). Apply VpCI®-369 in a well-ventilated area.

### Spray Application:

This information is based on spraying VpCI®-369 concentrate, where the viscosity range is between 10,000-25,000 cps. Airless or air assisted airless (AA) can be used to spray VpCI®-369 and its dilutions. Please consult a Graco or Cortec representative for spraying various dilutions of VpCI®-369.

## 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**

### Recommended Equipment:

Mils/Pass	1.5-3 mil wet (37.5-75 microns)
Model	510 Airless/AA Plus
Pump	30:1 President
Tip	0.011"-0.013" (0.028-0.033 cm) Airless 0.009"-0.013" (0.023-0.033 cm) AA
Cap	Standard
Filter	Mesh
Air Pressure	50 psi (3 bar) AA
Fluid Hose	3/8" x 10' with 1/4" whip hose for ease of handling (0.95 cm x 305 cm x 0.635 cm)
Fluid Pressure	3,000 psi (207 bar) Airless 1,000 psi (69 bar) AA

### Product Cleanup:

For cleanup of tools and overspray, use alkaline cleaners such as Cortec® VpCI®-414.

## LIMITATIONS

VpCI®-369 M is a temporary coating for low temperature and pressure applications. VpCI®-369 M is not recommended as an oil additive for combustion engines due to solvent content.

## PACKAGING

VpCI®-369 M is available in 5 gallon (19 liter) pails, 55 gallon (208 liter) drums, 11 oz. (312 g) aerosol cans, totes and bulk.

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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@corotecvc.com](mailto:info@corotecvc.com)  
Internet <http://www.CortecVpCI.com>

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