



## HIGH PERFORMANCE VpCI® COATINGS

# VpCI®-368 M

### PRODUCT DESCRIPTION

VpCI®-368 M is the ready-to-use version of VpCI®-368 liquid that meets MIL-PRF-16173 E (Grade 1). VpCI®-368 M provides excellent protection to metal substrates exposed to harsh outdoor conditions. VpCI®-368 M leaves a firm, wax-like film that can be removed by wax strippers/alkaline cleaners such as Cortec® VpCI®-414 or mineral spirits.

### FEATURES

- Flexible
- Excellent outdoor protection
- Multimetal protection
- Excellent UV resistance
- Moisture displacing
- Cured film is heat stable up to 392°F (200°C)
- Meets MIL-PRF-16173 E (Grades 1)
- NSN 8030-01-430-4898
- QPL 4620-1535(1)

### TYPICAL APPLICATIONS

- Pipe coating
- Parts storage
- Underbody coating
- Wire rope
- Steel plate
- Machined parts

### 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 (50-75 microns)	900-1500 hr.

### APPLICATION

VpCI®-368 M may be applied by dipping, brushing or spraying. A film thickness of at least 2-3 mils (50-70 microns) is recommended for uncovered outdoor storage.

#### Surface Preparation:

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

#### Product Cleanup:

- Use solvents or mineral spirits for cleanup of equipment.
- Solvent, wax strippers, or alkaline cleaners such as VpCI®-414 can be used for clean up of overspray.

### RECOMMENDED SPRAY EQUIPMENT

This information is based on spraying VpCI®-368 M. The viscosity range is between 100-1,000 cps. If using a dilution other than this, please consult a Cortec representative.

Model	510/AA Plus or Airless
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
Fluid Hose	3/8" x 10' with 1/4" whip hose for ease of handling
Fluid Pressure (Supply/Gun)	2000/1700 psi (138/117 bar)

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

## TYPICAL PROPERTIES

Appearance	Dark brown viscous liquid
Coverage	300-330 ft <sup>2</sup> /gal @ 3 mils (7-8 m <sup>2</sup> /l @ 75 microns)
Dry Film Time*	12-24 hours
Drying to Touch Time*	0.5-3 hours
Film Type	Firm, wax-like
Shelf Life	12 months @ 75°F (24°C)
Non-volatile Content	50-61%
VOC	2.6-2.9 lb/gal (312-347 g/l)
Density	7.2-7.6 lb/gal (0.86-0.91 kg/l)

\*Coating dry time is affected by temperature, air-flow and humidity.

## PACKAGING AND STORAGE

VpCI®-368 M is available in 5 gallon (19 liter) pails, 55 gallon (208 liter) metal drums and bulk.

## 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**

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