



# VpCI®-369 M



## PRODUCT DESCRIPTION

VpCI-369 M is the ready-to-use version of VpCI-369 and qualified to 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.

## FEATURES

- Ideal for dipping
- Easy to remove
- Thermally stable over a broad range of temperatures
- Remains soft
- Consistent film build
- Qualified to 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

## PROTECTION PROPERTIES

	ASTM	DFT	CARBON STEEL(1010)
Humidity	D-1748	2 mils(50 microns)	2000 hr
Salt Spray	B-117	2 mils (50 microns)	170 hr
Prohesion	G-85-7	2 mils (50 microns)	500 hr

## TYPICAL PROPERTIES

Appearance	Light biege to tan
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	300-950 cps
Density	7.3-7.7 lb/gal (0.87-0.92 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.



**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.

VpCI-369 M is referenced in the following documents:

TO 1-1-691  
 TO 1-1-686  
 TO 1H-60(H) G-23  
 TO 1C-5A-23  
 TO 1C-17A-23  
 TO 1C-130A-23  
 TO 1-1-689-5  
 TO 1-1-689-3  
 TO 42B-1-6  
 TO 35-1-3  
 TM 55-1500-331-34  
 TM 1-1500-344-23-5  
 TM 1-1500-344-23-3  
 NAVAIR 15-01-4  
 NAVAIR 01-1A-509-3  
 NAVAIR 01-1A-509-5

**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.

**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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