



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 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 ² /gal @ 2 mils WFT (10-11 m ² /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.

Shelf life is one year.

FOR INDUSTRIAL USE ONLY

KEEP OUT OF REACH OF CHILDREN

KEEP CONTAINER TIGHTLY CLOSED

NOT FOR INTERNAL CONSUMPTION

CONSULT SAFETY DATA SHEET FOR MORE

INFORMATION

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