

## VpCI® METALWORKING PRODUCTS

# VpCI®-327



### PRODUCT DESCRIPTION

VpCI®-327 is a ready-to-use solvent-based corrosion inhibitor that protects in two unique ways. First, VpCI®-327 forms a tenacious film that clings to metal surfaces, providing excellent contact corrosion protection. In addition to this barrier film, VpCI®-327 releases vapour phase corrosion inhibitors that condense and form a protective barrier over metal surfaces. The combined film forming and vapour phase action provide complete corrosion protection for internal metal parts.

In addition VpCI®-327 is an excellent product to remove fingerprints from the metal surface that leaves the cleaned surface protected from the rust. VpCI®-327 is very economical because of its high surface coverage.

### FEATURES

- Performs effectively even under the adverse conditions of 100% relative humidity and in the presence of such corrosive species as chlorides
- Water displacing properties
- Conforms to MIL-C-15074 E \*
- Conforms to MIL-C-81309 E \*
- Contains no hazardous chromates, nitrites, phosphate inhibitors, sulfonates or calcium compounds
- High penetrability
- Utilizes the finest petroleum distillates as carriers
- Will pass filter mesh size down to 1 micron

### TYPICAL APPLICATIONS

VpCI®-327 can be used to protect aluminium, cast aluminium, ferrous metals, copper and alloys. The tenacious film (less than 20 microns or 0.9 mils thick) will provide indoor corrosion protection for up to 24 months.

VpCI®-327 can be applied by dipping, spraying or brushing at many stages of metal fabrication, storage or shipping.

### METALS PROTECTED

- Aluminium, cast aluminium and aluminium alloys
- Ferrous metals
- Copper and alloys

### TYPICAL PROPERTIES

Appearance	Clear yellow liquid
Flash Point	160°F (71°C)
Non-volatile Content	36-47%
pH	8.5-9.5 (1% aqueous)
Density	6.8-7.0 lb/gal (0.81-0.84 kg/l)



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Environmentally Safe VpCI®/MCI® Technologies

## PACKAGING AND STORAGE

VpCI®-327 is available in 5 gallon (19 liter) pails, 55 gallon (208 liter) drums, liquid totes and bulk. Shelf life is 24 months in sealed drums.

Minimum storage temperature: 0°F (-18°C)

Maximum storage temperature: 120°F (49°C)

\* MIL-C-15074E, MILITARY SPECIFICATION: CORROSION PREVENTIVE, FINGERPRINT REMOVER (30 JAN 1991)., This specification covers one type of corrosion preventive intended for use as a fingerprint remover and as a temporary preservative for metallic items.

\* MIL-C-81309E, MILITARY STANDARD: CORROSION PREVENTIVE COMPOUNDS, WATER DISPLACING, ULTRA-THIN FILM (31 MAR 1993) [S/S BY MIL-PRF-81309] [SUPERSEDING MIL-C-23411A]., This specification covers the requirements for two types and two classes containing two grades of ultra-thin film, water displacing, corrosion preventive compounds which may be applied by dipping, spraying, brushing or by spraying from self-pressurized containers

**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**

### LIMITED WARRANTY

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