



## VpCI™ METALWORKING PRODUCTS

# VpCI-329 D



### PRODUCT DESCRIPTION

VpCI-329 D is a ready-to-use vapor corrosion inhibiting oil-based rust preventive. VpCI-329 D provides excellent protection to metals in indoor and outdoor sheltered conditions. VpCI-329 D protects in two unique ways. First, oil-soluble corrosion inhibitors offer a tenacious film which clings to metal surfaces, providing excellent contact corrosion protection. In addition to this film barrier, VpCI-329 D releases vapor phase corrosion inhibitors into the air that attach electrochemically to the metal surface.

### FEATURES

- Performs effectively even under the adverse conditions of 100% relative humidity and in the presence of such corrosive species as chlorides, hydrogen sulfide or other sulfur compounds
- High flash and fire points
- Contains no hazardous chromates, nitrites or phosphate inhibitors
- Provides universal corrosion protection to ferrous and non-ferrous metals
- Non-toxic and thermally stable, providing long-lasting contact and vapor phase corrosion protection
- VpCI-329 D is a special version of VpCI-329 that is diluted 1:9 and is ready-to-use

### METHOD OF APPLICATION

VpCI-329 D can be sprayed, dipped, rolled on or brushed onto metal surfaces.

VpCI-329 D is great for protecting metal parts that require a light coat of oil for further processing and shipment, such as gears, spindles, coils, or any other metal part that uses oil for corrosion protection.

### TYPICAL PROPERTIES

Appearance	Hazy to opaque yellow to tan liquid
Carrier	Light naphthenic oil
Coverage	960-1450 ft <sup>2</sup> /gal (24-36 m <sup>2</sup> /l)
Drying Time	Remains tacky
Film Thickness (dry film)	1-1.5 mils (25-37.5 microns)
Film Type	Oily
Flash Point	295°F (146°C)
Non-volatile Content	87-97%
Odor	Petroleum
pH	9-10 (1% in water)
Removal Method	Petroleum solvents / alkaline cleaners (VCI-410 series)
Density	7.3-7.5 lb/gal (0.87-0.90 kg/l)

### PACKAGING AND STORAGE

VpCI-329 D is packaged in 5 gallon (19 liter) plastic pails, 55 gallon (208 liter) metal drums, liquid totes and bulk.

VpCI-329 D should be stored sealed. Agitate before each use. The shelf life is 24 months in sealed containers.

**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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