# VpCI®-329 D



## **PRODUCT DESCRIPTION**

VpCl®-329 D is a ready-to-use oil-based rust preventive. VpCl®-329 D provides excellent protection to metals in indoor and outdoor sheltered conditions. VpCl®-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, VpCl®-329 D releases vapor phase corrosion inhibitors into the air that attach electrochemically to the metal surface.

VpCl®-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.

VpCI®-329 D is available in an easy to spray (ES) version, its carrier utilizes bio-based oil.

## **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 nonferrous metals

- Thermally stable, providing long-lasting contact and corrosion protection
- VpCI®-329 D is a special version of VpCI®-329 that is diluted 1:9 and is ready-to-use
- VpCI®-329 D ES can be easily sprayed using a hand held trigger spray bottle

### METHOD OF APPLICATION

VpCl®-329 D can be sprayed, dipped, rolled, or brushed onto metal surfaces.

VpCI®-329 D ES can be easily applied using a hand held, trigger spray bottle

#### **TYPICAL PROPERTIES**

VpCI®-329 D

Appearance Hazy to opaque yellow to tan liquid

Carrier Light naphthenic oil

Coverage 960-1450 ft²/gal (24-36 m²/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

Removal Method Petroleum solvents/alkaline cleaners

(VCI-410 series)

Density 7.4-7.6 lb/gal (0.89-0.91kg/l)



## VpCI®-329 D ES

Hazy to opaque yellow to tan liquid **Appearance** 

Carrier Canola oil and mineral spirits

Flash Point 46° (115°F) Odor Petroleum

Removal Method Petroleum solvents/alkaline cleaners

(VpCl®-410 Series)

7.0-7.5 lb/gal (0.84-0.9 kg/l) Density

#### PACKAGING AND STORAGE

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

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

#### STANDARD TEST METHODS

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ASTM D-1748	Humidity Cabinet	400+ Hours

FOR INDUSTRIAL USE ONLY **KEEP OUT OF REACH OF CHILDREN KEEP CONTAINER TIGHTLY CLOSED** NOT FOR INTERNAL CONSUMPTION CONSULT SAFETY DATA SHEET FOR MORE INFORMA-TION

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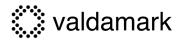


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