# **VpCI®-277**



#### PRODUCT DESCRIPTION

VpCl®-277 is a ready-to-use rust preventative designed for preservation of metals in storage and during transportation. VpCl®-277 contains a biobased corrosion inhibitor in a non-flammable, low VOC solvent carrier. Unlike traditional rust preventative oils, VpCl®-277 leaves a dry, virtually undetectable film on the metal surface. This feature helps to maintain a clean process. VpCl®-277 can provide corrosion protection for up to two years of indoor storage; or during domestic or international shipments when combined with VpCl® packaging materials.

#### **FEATURES**

- Provides excellent multi-metal corrosion protection
- Combines film-forming additives with Vapor phase Corrosion Inhibitors (VpCls)
- Forms dry, protective film; no oily residue
- Contains biobased corrosion inhibitors
- Contains no chlorinated compounds, chromates, or nitrites
- Low VOC and non-flammable
- Ready-to-use
- Ideal for robotic assembly of precision components requiring tight tolerances

### TYPICAL APPLICATIONS

VpCl®-277 is a ready-to-use product and can be applied by dipping or spraying.

### **TYPICAL PROPERTIES**

Appearance Clear yellow liquid

Density 6.6 -6.8 lb/gal (0.80 - 0.82kg/l)

VOC 0.03 lb/gal (4.0g/l)

Film Type Dry, clear

## **PACKAGING AND STORAGE**

VpCI®-277 is available in 5 gallon (19 liter) pails, 55 gallon (208 liter) drums, liquid totes, and bulk.

VpCl®-277 should be kept from high temperatures and in normal warehouse conditions.

The shelf life is 2 years in unopened original container.

#### STANDARD TEST METHODS

ASTM D1748	Humidity
ASTM D1735	Water Fog
NACE RP0487-2000	Selection of Rust Preventives
MIL-C-83993	Water Displacement
NACE RP0487-2000	Selection of Rust Preventives



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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