



VpCI® METALWORKING PRODUCTS



VpCI®-277



PRODUCT DESCRIPTION

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

FEATURES

- Provides excellent multi-metal corrosion protection
- Combines film-forming additives with Vapor phase Corrosion Inhibitors (VpCIs)
- 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

VpCI®-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.

VpCI®-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



CORTEC
CORPORATION

Environmentally Safe VpCI®/MCI® Technologies

**NDUSTRIAL 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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