



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

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

All statements, technical information and recommendations contained herein are based on tests Cortec® Corporation believes to be reliable, but the accuracy or completeness thereof is not guaranteed.

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TEXAS TECHNOLOGIES, INC.

3600 W. Whitestone Blvd. Cedar Park, TX 78613

800.858.1379 or 512.267.0100

E-Mail: info@texastechnologies.com

www.texastechnologies.com

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