



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



**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**

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.

Cortec® Corporation warrants Cortec® products will be free from defects when shipped to customer. Cortec® Corporation's obligation under this warranty shall be limited to replacement of product that proves to be defective. To obtain replacement product under this warranty, the customer must notify Cortec® Corporation of the claimed defect within six months after shipment of product to customer. All freight charges for replacement products shall be paid by customer.

Cortec® Corporation shall have no liability for any injury, loss or damage arising out of the use of or the inability to use the products.

BEFORE USING, USER SHALL DETERMINE THE SUITABILITY OF THE PRODUCT FOR ITS INTENDED USE,

AND USER ASSUMES ALL RISK AND LIABILITY WHATSOEVER IN CONNECTION THEREWITH. No representation or recommendation not contained herein shall have any force or effect unless in a written document signed by an officer of Cortec® Corporation.

THE FOREGOING WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, EXPRESS, IMPLIED OR STATUTORY, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE. IN NO CASE SHALL CORTEC® CORPORATION BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.



Distributed by:

4119 White Bear Parkway, St. Paul, MN 55110 USA
Phone (651) 429-1100, Fax (651) 429-1122
Toll Free (800) 4-CORTEC, E-mail info@cortecvci.com
<http://www.cortecvci.com>

Printed on recycled paper  100% post consumer

Revised: 01/24/17. Supersedes: n/a. ©Cortec Corporation 2002-2017 of Cortec Corporation.
All Rights Reserved. Copying of these materials in any form without the written authorization of Cortec Corporation is strictly prohibited. 2017, ©Cortec Corp. ISO accreditation applies to Cortec's processes only.