



VpCI® FORMULATED PRODUCTS FOR PROCESS INDUSTRIES



VpCI®-611



PRODUCT DESCRIPTION

VpCI-611 is a water-based rust preventive concentrate for water blasting, wet abrasive blasting, hydrotesting, fire sprinkler water systems, or preservation. It contains contact and vapor phase corrosion inhibitors capable of protecting uncoated surfaces.

VpCI-611 is non-toxic, environmentally friendly, and contains no nitrite nor phosphate inhibitors. VpCI-611 is safe, economical to use, and easy to dispose of. Welding after application will not cause toxic fumes during welding.

VpCI treatment can be removed from the metal surface with water or any conventional washing procedure. In most cases, VpCI-611 need not be removed prior to painting or coating.

FEATURES

- Non-flammable
- Non-toxic, nitrite, and phosphate-free
- Environmentally friendly
- Biodegradable
- Weldable
- Can be painted over
- Suitable for salt water applications

TYPICAL APPLICATIONS

- Wet abrasive blasting
- Water blasting
- Hydrotesting
- Preservation of sandblasted surfaces
- Ballast tank preservation

METHOD OF APPLICATION

Mix VpCI-611 lightly, by hand or motorized blade, to a uniform consistency before use.

For wet abrasive blasting and water blasting, add VpCI-611 concentrate directly to the blasting media. After blasting allow the freshly blasted surface to dry.

For hydrotesting, add VpCI-611 concentrate directly to the hydrotest water. Either leave the solution in or drain it out.

For preservation of sandblasted surfaces, add VpCI-611 to water and spray the freshly cleaned surfaces with the solution.

METALS PROTECTED

- Carbon steel
- Mild steel
- Stainless steel
- Other ferrous metals
- Aluminum

TYPICAL PROPERTIES

Appearance	Clear to slightly hazy, light yellow to brown liquid with particulate
pH	9-10 (Neat)
Non-volatile Content	5-10%
Density	8.5-8.7 lb/gal (1.02-1.04 kg/l)



PACKAGING AND STORAGE

VpCl-611 is available in 5 gallon (19 liter) pails, 55 gallon (208 liter) drums, liquid totes, and bulk. Store VpCl-611 in a heated warehouse to avoid freezing. Under these conditions, shelf life is 24 months.

DILUTION RANGE

Dilute VpCl-611 at a ratio of 1:10 to 1:40 with potable water by volume for fresh water applications.

Dilute VpCl-611 at a ratio of 1:4 for salt water applications.

LIMITATIONS

VpCl-611 is not suitable for yellow metals (i.e. copper, brass).

FOR INDUSTRIAL USE ONLY

KEEP OUT OF REACH OF CHILDREN

NOT FOR INTERNAL CONSUMPTION

CONSULT MATERIAL 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
Internet <http://www.cortecvci.com>

printed on recycled paper  100% post consumer
Revised 4/18/11. Cortec Corporation 1998-2011. Supersedes: 12/12/07. All Rights Reserved. Copying of these materials in any form without the written authorization of Cortec Corporation is strictly prohibited.
ISO accreditation applies to Cortec's processes only.