



VpCI® EMITTING SYSTEMS & ELECTRONIC PRODUCTS



Corwipe® 500

Heavy Duty Cleaner, Degreaser, Antistat, Rust Remover, and Protectant Wipe, Patented



PRODUCT DESCRIPTION

Corwipe 500 is a revolutionary wipe which removes light rust, grease, oil, and dust while leaving behind a protective antistatic and thin VpCI® (Vapor phase Corrosion Inhibitor) film. The static dissipative film will drain charges when properly grounded, and reduce triboelectric voltage to less than 300 volts.

Corwipe 500 is designed for both industrial and commercial cleaning applications. This product cleans machinery, equipment, tools, hoods, parts in-process, office equipment, etc. Corwipe 500

contains active water based material that is safe to handle, is not harmful to skin, and is classified as non-hazardous. In addition to its cleaning and antistatic properties, it leaves a thin film of corrosion inhibitors on the treated surface to protect most metal surfaces against corrosion.

The Corwipe 500 features a 5" x 5" (12.7 x 12.7cm) non-woven fabric towel, which is difficult to rip, even with the toughest of cleaning applications. Wipes are packed 25 to a flip top oval HDPE Towlette container.

TYPICAL APPLICATIONS

Corwipe 500 is designed to clean, protect, and maintain products, components, or assemblies such as:

- Machined parts coated with waxes or greases prior to assembly
- Static sensitive equipment
- Manual and power tools
- Aircraft and satellite components and assemblies
- Communications equipment
- Computer data storage devices
- Computer monitors and keyboards, TV screens, CD players, equalizers, stereo speakers, etc.
- PC boards, terminal blocks
- Power connections, audio connectors
- Military equipment, ammunitions, and missile components

HOW TO USE

Lift tab to open. Remove a wipe and rub it over the affected part or area until clean. Wipe may be effective for more than one use depending on amount of contamination. Reseal to prevent wipes from drying.



ADVANTAGES

- Reduces need for multiple cleaners
- Non-hazardous, non-corrosive, and non-flammable
- Not harmful to the atmosphere
- Reduces chemical consumption and costs
- Reduces dust and airborne contaminants

FEATURES

- Leaves an indiscernible temporary protective film behind, providing anti-corrosion protection for up to several weeks.
- Does not leave behind any harmful insulating barriers.
- Also cleans rubber, synthetic materials, vinyl, painted surfaces, plexiglass, and glass.
- Triple-action performance: cleans, provides antistatic protection, and inhibits further corrosion.
- Strong non woven fabric.

ELECTRIC PROPERTIES

Charge decay	0.02 seconds
Surface resistivity	5 x10 ⁸ ohms/sa
Surface resistance	4 x 10 ⁸ ohm
Triboelectric charge	< 300 volts

Federal Test Method Standard 101C, Method 4046
EOS/ESD - S11.11
ISO 2878

TESTING

Testing for either surface resistance point to point (RTT) or resistance to ground (RTG) should be done to check for insulating properties. The film left behind should have a value of 1 x 10⁷ ohms or greater. For field testing a mmeg ohmmeter should suffice.

METALS PROTECTED*

- Aluminum
- Carbon Steel
- Cast iron
- Copper and its alloys
- Stainless steel

*Length of protection varies upon conditions, average 3-4 months.

PACKAGING AND STORAGE

Corwipe 500 containers are supplied 300 units per carton (25 wipes per container, 12 containers per carton). Do not store in conditions above 130°F(54°C). The shelf life of unopened container is up to 24 months.

DIMENSIONS

Container: 3" W x 6" H (7.62 cm x 15.24 cm)
Wipe: 5" W x 5" H (12.7 cm x 12.7 cm)

FOR INDUSTRIAL USE ONLY

KEEP CONTAINER TIGHTLY SEALED

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.



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 5/1/12 ©Cortec Corporation 2001-2012. All rights reserved. Supersedes: 5/31/06
Corwipe®, VpCI®, and Cortec® are trademarks of Cortec Corporation.
© 2012, Cortec Corporation. 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.

Distributed by: