**PRODUCT DESCRIPTION**

Corwipe® 500 is a revolutionary wipe which removes light rust, grease, oil, and dust while leaving behind a protective antistatic and thin VsCl (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 12.7 cm) 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 contaminates

**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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Charge decay</td>
<td>0.02 seconds</td>
</tr>
<tr>
<td>Surface resistivity</td>
<td>$5 \times 10^8$ ohms/sa</td>
</tr>
<tr>
<td>Surface resistance</td>
<td>$4 \times 10^8$ ohm</td>
</tr>
<tr>
<td>Triboelectric charge</td>
<td>$&lt; 300$ volts</td>
</tr>
</tbody>
</table>

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 $1 \times 10^7$ 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)

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.

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

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

[Environmental Information]