Corwipe® 500
Heavy Duty Cleaner, Degreaser, Antistat, Rust Remover, and Protectant Wipe, Patented

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 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 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**
- Charge decay: 0.02 seconds
- Surface resistivity: 5 x 108 ohms/sa
- Surface resistance: 4 x 108 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**

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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.

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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.CortecVpCI.com

Certificate No: 90501
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Certificate No: 81867