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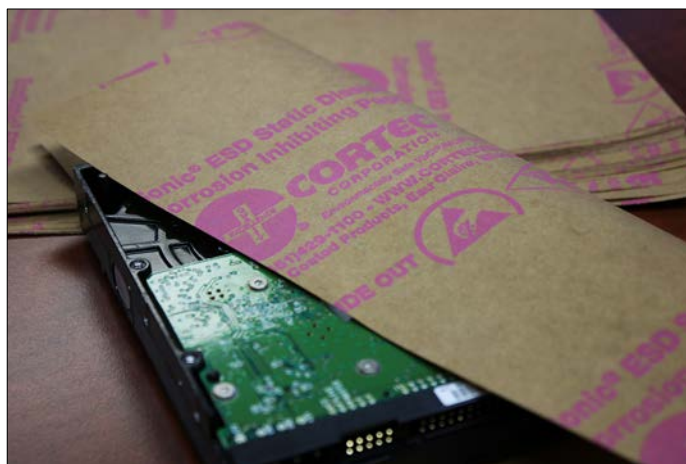


Attention: Editor
December 19, 2016
PRODUCT RELEASE



Cortec's EcoSonic® ESD Paper powered by Nano VpCI® Offers Innovative Corrosion Inhibition, Electrostatic Discharge Protection, and Packaging Solution all in One Step!

Cortec® Corporation has developed a static dissipative corrosion inhibiting paper that serves as a complete packaging paper for valuable electrical and electronic items. Simply wrap your sensitive electronic metal items in EcoSonic® ESD Paper powered by Nano VpCI® and rest assured that your valuable items will be protected from damaging static electricity buildup and corrosion.



EcoSonic® ESD Paper eliminates static electricity buildup through the use of an environmentally friendly coating made from soybean oil and coated on the surface of the paper. The paper performs better on the static half-life test (a test with an environment consisting of little or no humidity) than papers with conventional anti-stat coatings consisting of alkyl ammonium chlorides, typical ethoxylated amines,



typical imidazolines, phosphated esters, and nonionic based antistat coatings. The antistat protection from EcoSonic® ESD Paper is thermally stable at high temperatures (in excess of 392°F (200°C) and pH stable between 2 and 11 at temperatures in excess of 100°F (38°C) for several days. EcoSonic® ESD Paper conforms to performance specifications for MIL-PRF-81705D (Static Decay Rate and Surface Resistivity).

Continuing the Cortec® tradition of innovative corrosion protection, EcoSonic® ESD Paper will also provide contact, vapor, and barrier phase corrosion inhibition for ferrous and non-ferrous metals. It conforms to the requirements of performance specification MIL-PRF-3420H (vapor inhibiting ability) and is effective against aggressive environments including humidity, SO₂, H₂S, and galvanic corrosion from dissimilar metals. At the same time, it is free of nitrites, phosphates, silicates, and other hazardous compounds and is non-toxic, biodegradable, and fully recyclable/repulpable. Made from the highest quality neutral natural kraft paper without using chlorine or other bleaching, this paper eliminates package contamination found with other competing corrosion inhibiting papers.

EcoSonic® ESD Paper can be used to protect any material capable of being damaged by electrostatic discharge:

- Printed circuit boards (PCBs)
- PCB components
- Integrated circuits
- Telecommunications equipment
- Electrical panels
- Electrical enclosures
- Batteries
- Numerous other electrical, multi-metal materials



There are no chemical concentrations to calculate, no chemical tanks or application systems to maintain. Just wrap your products in the paper, and fold the edges together. Use adhesive tape as needed to hold paper folds in place. The paper does not influence physical properties of even the most sensitive electrical components, including conductivity and resistance. Parts protected in the EcoSonic® ESD Paper can be painted, welded, and soldered. The paper can also be used for electrostatic dissipation and corrosion protection during electronics assembly.

By developing EcoSonic® ESD Paper, Cortec® Corporation has created an excellent resource for the Electronics Manufacturing Service (EMS) industries or any industry needing cost effective packaging that addresses two of the most important concerns for electronics protection.

To learn more about Cortec's NEW EcoSonic® ESD Paper, please visit:

<http://www.cortecvci.com/Publications/PDS/EcoSonic ESD Paper Powered by NANO-VpCI.pdf>



To find out more about Cortec's innovative packaging solutions, please visit:

<http://www.cortecpackaging.com/>

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Cortec® Corporation is the global leader in innovative, environmentally responsible VpCI® and MCI® corrosion control technologies for Packaging, Metalworking, Construction, Electronics, Water Treatment, Oil & Gas, and other industries. Our relentless dedication to sustainability, quality, service, and support is unmatched in the industry. Headquartered in St. Paul, Minnesota, Cortec® manufactures over 400 products distributed worldwide. ISO 9001, ISO 14001:2004, & ISO 17025 Certified.

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