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PRESS RELEASE



ECosonic®

Superior Multi-Metal Corrosion Protection in Any Enclosure!

Coming from Cortec's® EcoSonic line, VpCI®-105 Emitters powered by NANO-VpCI® are unique, patented, compact, space-saving, high-tech systems. They are designed to provide corrosion protection for metal components and parts enclosed in non-ventilated control boxes, cabinets or tool boxes up to 142 liters (5 cubic feet). These economical, non-toxic and safe to handle emitters emit Vapor phase Corrosion Inhibitors (VpCI®s), which form a monomolecular protective coating on all metal surfaces.



VpCI® 105 Emitters belong to Cortec®'s EcoSonic line - the most advanced line of high-tech corrosion protection products for electronics and electricals, designed with the environment and safety in mind.

Corrosion of complex electronic and electrical equipment is an increasingly serious problem which triggers expensive failures during manufacturing, shipping, storage or field operations. It can be caused by numerous factors such as salt, humidity, moisture, contaminants, etc. By using EcoSonic VpCI® 105 Emitter, corrosion can be stopped at any step from manufacturing to final installation.

EcoSonic VpCI® -105 is a plastic emitter with a breathable Tyvek® membrane through which the corrosion inhibitor is released. It provides long-term protection against corrosion even in the presence of adverse conditions including salt, moisture, airborne contaminants, H2S, SO2, NH3, and others. VpCI®-105 Emitters are very effective in polluted and humid environments and provide continuous protection for up to 24 months.

These emitters do not interfere with electrical, optical or mechanical surface properties, they are extremely simple, quick and convenient to install and protect during operation and shutdown. Products are free of nitrites, halogens, and phosphates and have very low VOC values. No spraying, wiping or dipping is required.

Cortec® VpCI® -105 Emitters are successfully used in numerous applications worldwide.



Emitters played major role in lay-up preservation system project in Sabratha Platform, Libya. The equipment was stored on the deck of an offshore platform where exposure to salt water spray, sand and hot blasting operations was high. Electrical enclosures were protected with 105 Emitters that were easy to apply for storage at their remote location.



Recently AHSVS Daimler Trucks needed an efficient, economical military vehicle preservation system. Emitters were placed under the dashboard in enclosed panel boxes. For the final step each unit was wrapped with Cortec's MilCorr Shrink Film. The customer got their vehicles rust free and ready to go even when exposed to harsh conditions during long term storage.

TYPICAL APPLICATIONS

- Packaging and storage of electrical, electronic and marine navigation equipment
- Aerospace electrical controls and electric motors, switching equipment
- Medical and telecommunications equipment, terminal, fuse and power boxes
- Scientific and measuring instruments, remote electronics devices
- Hand-held battery-operated devices, tool-boxes, gun safes, and any other enclosure for metal storage

Ecosonic VpCI®-105 Emitter meets Southern California Clean Air Act and other national and local regulations. It is accepted by FDA for corrosion protection of electrical and electronic equipment within food processing plants and approved for U.S. military and NATO as well as NSN 6850-01-406-2060. The product conforms to NACE Standard 0487-2000, MIL I-22110C and is RoHS Compliant.

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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, 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 Cortec Website: <http://www.cortecvci.com>