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**Attention: Editor**  
**September 01, 2017**  
**PRESS RELEASE**



## BioPouch® Powered by a NANO VpCI® - Breakthrough in Green Corrosion Protection Technology!

Cortec® Corporation, a world leader in innovative, green, sustainable technologies presents the latest advancement in environmentally safe corrosion protection: BioPouch®. This brand new, revolutionary “green” Vapor phase Corrosion Inhibitor is intended for protection of metal parts in a non-ventilating space. BioPouch® is powered by the newest NANO VpCI® Technology, primarily made from agricultural by-products. NANO VpCIs emit from the pouch and saturate the enclosure via diffusion, filling all void spaces and recessed areas with protective vapor molecules.



Cortec's team of chemists and engineers spent years of dedicated work to introduce BioPouch® - an eco-efficient, compact, space-saving, and unobtrusive inhibitor derived from sustainable resources.



Molecules from BioPouch® are attracted to and adsorb onto metallic surfaces, resulting in the formation of a Nano protective barrier layer. Studies have shown the excellent ability of VpCI® molecules to provide protection in the presence of corrosive species (i.e. chlorides, moisture, sulfides) and to displace them at the metal surface. Vapor phase inhibiting action protects inaccessible and recessed surfaces. The inhibitor is aimed at protection of metal parts in a non-ventilated space.

BioPouch® provides an extremely efficient and easy method of protecting metals within an enclosed space. If the Nano protective layer is disturbed by moisture or opening of the enclosed space, the layer is replenished by continuous vapor re-deposition. The NANO VpCI® does not destroy the natural balance of the environment and at the same time is functionally superior to hazardous oil derived products. It is very effective in polluted and humid surroundings. BioPouch® is quick and super easy to use: there is no need for special equipment for application; just determine the number of pouches required per unit space. No spraying, wiping, or dipping is required. Each BioPouch® protects up to 1 cubic meter (1.3 yd³) of enclosed space.



## TYPICAL USES

- **Tubular structures, pipes, and vessels**
- **Internal surfaces of compressors, turbines, engines, tanks, boilers, and heat exchangers**
- **Steam condensate lines, closed circuit heating, and cooling systems**
- **Corrosion protection of equipment after hydrostatic testing**
- **Parts, components, and completed assemblies during shipping and storage**
- **Voids, cavities, and tanks**
- **Double bottom storage tank floors**

BioPouch® is tested according to NACE TM0208-2008 and conforms to RoHS guidelines.

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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. Cortec Website: <http://www.cortecvci.com> Phone: 1-800-426-7832 FAX: (651) 429-1122