

Editorial Contact:
Cortec® Europe Advertising Agency

Ana Juraga
+ 385 (0) 1 4854 595

ana.juraga@ecocortec.hr

Company Contact:
Cortec® Corporation:

Ivana Radic Borsic
+ 385(0) 31 705 011

ivana@cortecvci.com



Attention: Editor

September 30, 2014

PRESS RELEASE



BioPouch™ Powered by a NANO-VpCI® -Latest Breakthrough in Corrosion Protection Technology!

Cortec® Corporation, a world leader in innovative, green, sustainable technologies proudly presents the latest advancement in environmentally safe corrosion protection - BioPouch™. This brand new, revolutionary “green” Vapor phase Corrosion Inhibitor (VpCI®) is aimed for protection of metal parts in a non-ventilating space. BioPouch™ is powered by newest NANO-VpCI® technology, primarily made from agricultural by-products.



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

NANO-VpCI®'s emit from the pouch and saturate the enclosure via diffusion, filling all void spaces and recessed areas with protective vapor molecules. These molecules are attracted to and adsorb onto metallic surfaces, resulting in the formation of a nano protective barrier layer.

Studies have shown the excellent ability for VpCI® molecules to provide protection in the presence of corrosive species, (i.e. chlorides, moisture, sulfides) and displace them at the metal surface. Vapor phase inhibiting action protects inaccessible and recessed surfaces. BioPouch™ is non-toxic, free of nitrites, halogens and phosphates as well as completely safe to handle.

BioPouch™ provides an extremely efficient and easy method to protect metals within an enclosed space. In case a nano protective layer is disturbed by moisture or opening of an enclosed space, the layer is replenished by continuous vapor re-deposition.



BioPouch™ provides powerful, clean, continuous multimetal corrosion protection during operation and shutdown, up to 24 months. It does not interfere with electrical, optical or mechanical surface properties.

The Nano-VpCI® is made from enhanced renewable agricultural by-products and does not destroy the natural balance of the environment while being functionally superior to hazardous oil derived products. It is very effective in polluted and humid environments.

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 1m³ of enclosed space.

TYPICAL USES

- Tubular structures, pipes, and vessels**
- Internal surfaces of compressors, turbines, engines, tanks, boilers, 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.

Need a High-Resolution Photo? Please Visit: www.cortecadvertising.com

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