

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

August 21, 2015

PRESS RELEASE



Cortec® Presents New Brochure – VpCI® Technology No. 1 choice for Marine and Shipbuilding Industries!



Cortec® has published a brand new brochure delivering information on its latest-technology products and services in the field of marine and shipbuilding industries! It is well known that corrosion causes destruction of structures and equipment as well as the loss of valuable resources, contamination of products, reduced efficiency and high maintenance costs.

Damages from corrosion in shipbuilding or the ones that occur in the exploitation of various vessels are especially harsh. Corrosion protection of such structures and constructions make a big part of the cost of manufacturing process. Quality corrosion protection in the construction phase of the ship is of crucial importance for its functioning and use due to it's a demanding and complex structure, exposed to extremely aggressive environments.



Optimal and smart corrosion protection is one of the key factors in the quality and price of the ship. Structures in shipbuilding, offshore and marine industries contain parts that are difficult to access or can even be completely inaccessible for quality and long-lasting protection. Parts of the ship structure are derived from a number of brackets, frames, stiffeners and reinforcements which makes them difficult for proper preparation and coatings protection.

In all of these cases the most efficient and economical technical solution is the use of high-technology, globally renown patented VpCI® corrosion inhibitors.

This special group of inhibitors manufactured by Cortec® Corporation protects the metals from atmospheric corrosion and is able to stop corrosion at a molecular level. The organic substances vaporize and travel to all parts of the metal surfaces reaching even inaccessible areas.



VpCI's have a very high range of application and their utilization is the result of technological as well as economic progress, when it comes to corrosion protection in shipbuilding. They are successfully and increasingly used in shipbuilding and marine industries due to their excellent properties including specific ability of protecting hard to reach areas.

VpCI® inhibitors are highly recommended for protection of inaccessible areas of marine structures such as: keel, rudder, rubbing strip etc. They are also applicable and highly efficient in the protection of pipelines, marine and naval equipment as well as electrical contacts.

After contact with the metal surface, vapor condenses into air and forms a thin monomolecular film that protects the metal. Protective layer re-heals and self-replenishes through further condensation of the vapor. VpCI® reaches every area the metal part, protecting its exterior as well as hard-to-reach interior surfaces. It provides complete product protection during storage as well as during domestic and overseas shipments.

BENEFITS OF VpCI® INHIBITORS IN SHIPBUILDING

- Multifunctional products
- More effective protection
- Environmental Safety
- Easy application
- Improved health, safety, and pollution control
- Elimination of extra processing steps: in most cases there is no need to remove the VpCI®/MCI® product.
- Extended equipment life.
- Little or no surface preparation
- Prevents further corrosion of ferrous surfaces
- VpCI®- layer does not have to be removed prior to processing or use;
- VpCI® does not interfere with operation of mechanical components;
- Good temperature resistance
- High resistance of adsorbed protective layer against corrosion.



Environmental (ISO 14001 Certified) Cortec's strong environmental concern is demonstrated in the design and manufacturing of products that protect materials of all kinds from environmental degradation. A strong commitment to produce recyclable products made from sustainable resources has been and will be our future policy.



The brochure was developed in collaboration with Chair of Materials Protection, Faculty of Mechanical Engineering and Naval Architecture University in Zagreb.

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