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Attention: Editor

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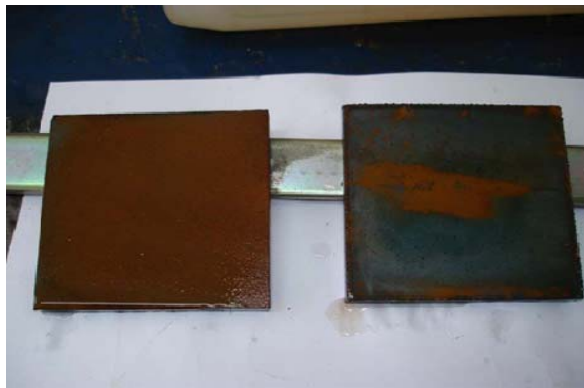
PRESS RELEASE

Environmentally Friendly Corrosion Inhibitor for Salt Water and Brines!

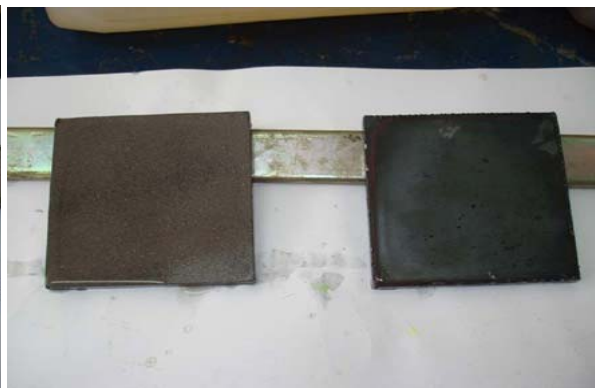
VpCI®-645 is a non-toxic, biobased, biodegradable, concentrated formulation that protects ferrous and non-ferrous metals from corrosive solutions containing chlorides. It is designed to provide the most effective three phase corrosion protection in fresh water, salt water, brine, and other highly corrosive solutions containing dissolved halogens. VpCI®-645 provides long term effectiveness in a low dosage. It is used as a treatment for a wide variety of marine and process applications to stop aggressive corrosion.



This water-based, nitrite and amine free corrosion inhibitor is excellent replacement for hazardous nitrite and chromate-based formulations. Being environmentally safe to use, VpCI®-645 helps solve the problem of disposal, particularly for large quantities of water. It has the most favorable CO₂ footprint and is readily water-soluble which makes application easy.



Untreated panels



Panels treated with VpCI® 645 - no signs of corrosion

Typical applications include closed circuit cooling and heating systems containing brines or water, desalination plants, packer fluid applications, wet lay-up of boilers, pipelines, vessels and pulp and paper process equipment. It prevents water-bottom corrosion in oil storage tanks and ballast tanks of ship and offshore platforms. VpCI®-645 conforms to NACE RP-0487-2000 standard and is ROHS compliant.



The sample in water treated with 0.4% VpCI 645. After 24 hours of immersion in water and drying the air - a satisfactory result is achieved with a half of the recommended concentration.

Company TPK Nova, the largest producer of boilers and hot wells, located in Zagreb, Croatia had numerous corrosion problems while testing, shipping, and during storage. Since corrosion was slowing down production, the company was receiving complaints from customers. They selected VpCI®-645 and used it during pressure testing of the equipment. Closed system was designed using water treated with VpCI®-645. With this protection the boilers and hot wells were ready for shipping and storage. TPK Nova achieved great results in corrosion elimination, increased production, and preserved customer retention.

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Cortec® Corporation is a 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 Certified.

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