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Attention: Editor

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PRESS RELEASE

Cortec®'s VpCI® 389- Number One Choice for Indoor and Outdoor Multimetal Corrosion Protection!

VpCI®-389 is an environmentally friendly water-based, temporary coating that delivers exceptional multimetal protection for outside applications and salt-spray resistance. This contemporary coating is an advanced, safe replacement for hazardous oil-based products. It is an excellent choice for long-term indoor protection that lasts up to 5 years and short to medium-term (6-24 months*) unsheltered outdoor protection.

VpCI®-389 temporary coating is the best solution on the market for applications such as equipment lay-up, parts processing protection, overseas shipping, maintenance repairs and parts storage.

This completely safe and easy to use coating cures to a soft film and eventually hardens. It is very efficient in SO_2 and H_2S environments. The product leaves a translucent, waxy coating that is easily removable, it is low in VOC's and dilutable with water. VpCI®-389 can be easily removed with alkaline cleaners, such as Cortec VpCI-414. It is available in ready-to-use form - VpCI-389 D (1:1). Metals protected are: aluminum, steels, cast iron, copper alloys and tin plated steel.

Traditional coatings rely on sacrificial metals (zinc, chromates, aluminum) for inhibition. Due to the large particle size of these inhibitors, gaps exist which allow corrosion to start and eventually expand, causing coating failure. Cortec® VpCI-389 coating uses the patented VpCI® technology to protect the metal substrate with a tight bonding molecular structure. This system eliminates the gaps which occur with traditional inhibitors and prevents corrosion from starting. With environmentally safe VpCI® technology, the equipment and products will get superior corrosion protection.

ExxonMobil-Qatar-Edison Snamprogetti Srl needed to prevent the progression of corrosion to the interior of 1300 pipes stored for several months in an outdoor harsh environment. The pipes were used to transport liquefied natural gas (LNG) from a terminal station located in the Adriatic sea. They were exposed to high humidity, salt air and gusty winds. Once protected the pipes would remain under the same unsheltered conditions for an additional 12-18 months. VpCI® 389 was applied to the cut-back of pipes and the pipes were covered with Cortec's VpCI® 126 film. The corrosion problem was successfully solved and the customer was very satisfied with Cortec's solution. Later inspection showed no further corrosion in the pipes.

TYPICAL APPLICATIONS
•Equipment lay-up
•Parts processing protection
•Overseas shipping
•Maintenance repairs
•Parts storage

VpCI®-389 coating was tested with excellent results in ASTM D-1748 (humidity chamber test) and ASTM B-117(salt spray chamber test). It is in compliance with RoHS requirements

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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.

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