

Cortec unveils EcoEmitter for corrosion protection

Savcor has introduced a new product to its line of service, with this product specifically designed to provide corrosion protection for sensitive assets.

Coming from Cortec's EcoEarth line, the EcoEmitter® is an engineered device to protect assets such as electronic and optical equipment and components from corrosion.

Each EcoEmitter can protect volumes up to 0.2 m³ (8.8 ft³), with the vapor phase corrosion inhibitors emitting from the device. It then saturates 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 nanofilms, very thin microscopic molecular layers of corrosion protection.

The nanofilms formed do not adversely affect or alter the appearance, conductivity, or optical functionality of the components protected.

Similar to the VpCI-105 and VpCI-111 Emitters, the EcoEmitter was carefully designed to include biobased content as an environmentally responsible option aimed at sustainability.

The polymeric cup, made from 60 - 80 per cent biobased resins, replaces polyethylene and contains corrosion inhibiting powder that releases protective vapors through a breathable 70 per cent biobased membrane.

This easy to install device is designed to provide corrosion protection for metal components and parts enclosed in non-

ventilated cabinets and tool or control boxes.

Corrosion of complex electronic and electrical equipment is an increasingly serious problem that triggers expensive failures during manufacturing, shipping, storage, or field operations. It can be caused by numerous factors such as salt, humidity, moisture, and contaminants.

Cortec designs and manufactures a wide range of VpCI Emitters to suit a number of applications. They are installed in small, enclosed areas with little or no ventilation such as electronic cabinets, controller panels, and junction boxes.

Among the most popular VpCI Emitters provided by Cortec are VpCI-105 and VpCI-111. VpCI-105 Emitters powered by VpCI are compact, space-saving, high-tech systems. They provide corrosion protection for metal components and parts in enclosed spaces up to 142L (5 ft³). For larger volumes, more than one device can be used. By using a small device, corrosion can be stopped at any step from manufacturing to final installation.

EcoSonic VpCI-105 has a breathable membrane through which the corrosion inhibitor is released. It provides long-term protection against corrosion even in the presence of adverse conditions including salt, moisture,

airborne contaminants, H₂S, SO₂, NH₃, and others.

VpCI-111 Emitters are designed to provide corrosion protection for metal components and parts enclosed in non-ventilated control boxes, cabinets, or toolboxes up to 312L (11 ft³).

Both emitters are effective in polluted and humid environments and provide continuous protection for up to 24 months.

The products also don't interfere with electrical, optical, or mechanical surface properties and are simple and quick to install. They also provide protection during operation and shutdown. Products are free of nitrites, halogens, and phosphates.

This product is available through Savcor Products Australia in Australia and New Zealand. **P**



THE AUSTRALIAN Pipeliner

Official Publication of the Australian Pipelines and Gas Association

The official magazine of the Australian Pipelines and Gas Association (APGA) and the leading media brand for the sector.

The publication covers everything from upstream gas exploration and facilities, to construction and maintenance of hydrocarbon transmission pipelines and water pipelines. With mature readership lists developed over several decades, excellent brand recognition in the industry and a strong reputation for producing high-quality original content, The Australian Pipeliner has unparalleled access to key decision-makers in the upstream and midstream sectors.



Subscribe to The Australian Pipeliner to stay up to date with the latest news

www.pipeliner.com.au

For more information, visit savcorproducts.com.au

 SPA SAVCOR PRODUCTS AUSTRALIA PTY LTD		Products for the Pipeline Industry www.savcorproducts.com.au Call: 1800 SAVCOR	
Cathodic Protection Materials: <ul style="list-style-type: none"> • Cortec VpCI Preservation Materials • Sacrificial anodes (Zn, Mg, Al) • Corrosion resistance probes • Gypsum bentonite backfill • Dahn & Soline IEC Certified Spark Gap Arresters • Surge Protectors • Both Permanent & Portable electrodes • Loresco Coke Backfill • APS Flange Insulation Kits • Raddid Nuts Protectors 		Pipeline Fittings & Equipment: <ul style="list-style-type: none"> • Pipeline pipe and equipment including: <ul style="list-style-type: none"> ■ Foam, Poly Coated & Wire Brush Pipe ■ Monolithic Insulating Joints ■ Hot Tapping Equipment • Wachs Pipe Cutting and Beveling • Pipe Seals, Pipe Clamps, Leak Repair • APS Casing Spacers • Impressed Current & Sacrificial Anodes 	
Trusted Supplier of Cathodic Protection & Prevention materials in Australia.			
Melbourne T: 03 9754 2551 E: melbourne@savcor.com.au	Sydney T: 02 9807 4542 E: sydney@savcor.com.au	Brisbane T: 07 5546 2246 E: brisbane@savcor.com.au	Perth T: 08 6240 3900 E: perth@savcor.com.au