

Editorial Contact:  
Cortec® Europe Advertising Agency

Ana Juraga  
+ 385 (0) 1 4854 595

[ana.juraga@ecocortec.hr](mailto:ana.juraga@ecocortec.hr)

Company Contact:  
Cortec® Corporation:

Ivana Radic Borsic  
+ 385(0) 31 705 011

[ivana@cortecvci.com](mailto:ivana@cortecvci.com)

Technical Contact:  
Cortec® Corporation:

Blazenko Maric  
+385 (91) 524 4009

[blazenko.maric@ecocortec.hr](mailto:blazenko.maric@ecocortec.hr)



## Attention: Editor

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## PRESS RELEASE

### The Only Right Choice for Surface Preparation!

Most metals become extremely contaminated with heavy rust, scale and hydrocarbon deposits. It is of crucial importance that these contaminants are successfully removed before further processing will be effective!

Cortec® has developed a diverse range of corrosion protection products, including powerful **VpCI®-414 Cleaner and Degreaser**. VpCI®-414 is a specially designed, heavy-duty temporary coating and wax remover for metal and painted surfaces. This non-toxic, non-flammable, water-soluble and biodegradable concentrate is extremely effective in the removal of dirt, oils and greases or other cosmoline-like products. As a viscous liquid, VpCI®-414 is ideal for under-hanging and vertical applications. The product provides multi-metal corrosion protection even after parts have been cleaned, for up to 48 hours.

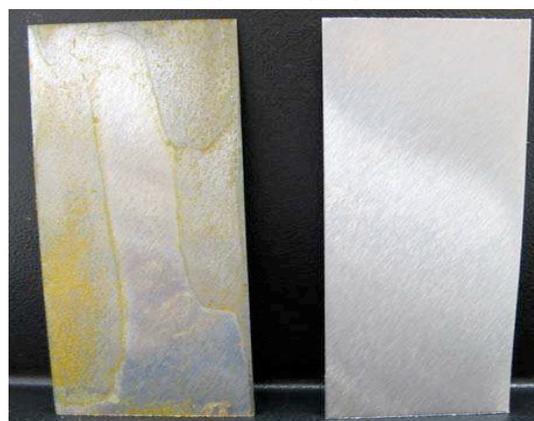
**Cast Aluminum Panels  
after 42 hours**



**Control**

**VpCI-414**

**Carbon Steel Panels  
after 42 hours**



**Control**

**VpCI-414**

The immersion test (photos above) showed that VpCI®-414 provides corrosion protection on both carbon steel and cast aluminum panels at 10% concentration. According to the flash corrosion test, VpCI®-414 at 5% and 10% concentration was found to be very effective for preventing corrosion on carbon steel panels and significantly improves corrosion protection on cast aluminum.

Complete lab-report can be viewed at <http://www.cortecvci.com/Publications/Reports/12-149-3.pdf>

VpCI<sup>®</sup>-414 does not affect painted surfaces and remains active even if left to dry. It is mostly used at room temperature, thus reducing energy consumption but it can also be used in a heated bath for heavy hydrocarbons. The viscous liquid will cling to ceilings and vertical surfaces in a ready-to-use formulation. The product is highly effective at low concentrations, diluted as low as 1% concentration (by volume) and higher. It is easily applied and no special protective equipment is needed. Metals protected are carbon, stainless and galvanized steel, cast iron, copper and brass.



Global companies, such as General Motors and many others, use VpCI<sup>®</sup>-414 in cleaning and corrosion prevention applications worldwide. The United States Air Force used VpCI<sup>®</sup>-414 as part of Cortec's "*Clean, Protect, Preserve*" program and achieved high performance and cost effectiveness with this easy method of surface preparation.

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Cortec<sup>®</sup> Corporation is a global leader in innovative, environmentally responsible VpCI<sup>®</sup> and MCI<sup>®</sup> 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<sup>®</sup> manufactures over 400 products distributed worldwide. ISO 9001 & ISO 14001:2004 Certified.

Cortec Website: <http://www.cortecvci.com> Phone: 1-800-426-7832 FAX: (651) 429-1122

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