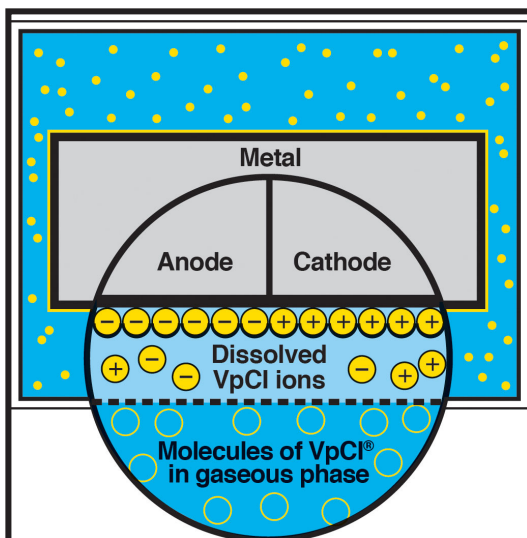




HYDROSTATIC TESTING & MORE!

It is well known that when metal is in contact with oxygen and water, corrosion will start. Hydrostatic testing is a process used to inspect equipment such as storage tanks, gas cylinders and chemical pipelines, through use of a hydrostatic tester. The equipment is examined for leaks, and the overall integrity of the units are assessed. The hydrostatic tester measures the rate of expansion of the tube under water pressure, which ultimately determines whether the unit can safely hold the amount of pressure it is rated for. Because of the use of water in contact with the metal causing corrosion immediately, Cortec's VpCI Technology additives for the Hydrostatic Testing itself and even VpCI additives for other liquids or gas that may be run through pipes, is a breakthrough in prevention of corrosion.

The mechanism of amino-carboxylate based vapor-phase corrosion inhibitors is to prevent corrosion of metals in **THREE PHASES: within the solution, at the water line, and above the water line.** VCI-based compounds prevent corrosion in the areas which are not reachable with other corrosion inhibitors. VCI additives can be added to water to prevent corrosion of various metals during hydro-testing and after. When necessary, other VCI products can compliment hydro-test additives for long term storage. Effectiveness of VCI products is confirmed in various water chemistries including fresh and salt water. VCI solutions can be reused for several tests to save time and money. Additional advantage is that VCI used in hydro-testing also protect metal after water is drained, giving the needed after protection during storage and/or shipping.

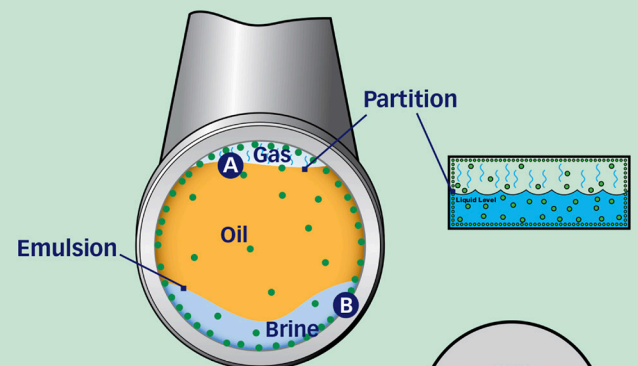


VpCI 649MF is great for transmission & distribution in pipelines. Contact the USI Team today for Technical Data Sheets or a quotation on the best VpCI product for your specific needs.



VAPOR PHASE CORROSION INHIBITORS [VpCI®]

VpCI® technology is a revolutionary, environmentally safe and cost-effective option for corrosion protection. Cortec® products protect with a thin, mono-molecular protective barrier. The barrier re-heals and self-replenishes, and can be combined with other functional properties for added protective capabilities. Vapor phase Corrosion Inhibitors form a physical bond on the metal surface and form a barrier layer to aggressive ions. For use in pipelines, oil and gas wells, refinery units and fuels.



Pipeline section shows active VpCI® protection at the liquid phase, the vapor phase and the interface, partition and emulsion barriers.

Contact USI TODAY 248-735-7000 Your Midwest/Great Lakes Stocking Distributor & Training Experts And Set up a Site Visit to receive a FREE Audit. Let the USI Team find the BEST Solution for your Unique Issues.

October 2019 UPCOMING EVENTS

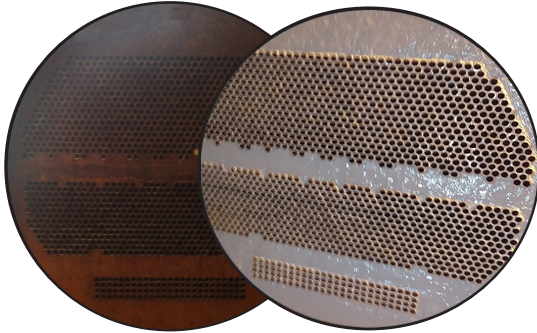
- Thursday/Friday October 3/4 - Cortec World Wide Sales Meeting in St. Paul, MN
- Tuesday October 15 - CRCUC Meeting, Joliet, IL
- Thursday October 17 - SEMPES Meeting, Dearborn, MI

November 2019 UPCOMING EVENTS

- Wednesday/Thursday November 6/7 - AUCSC Meeting, Coraopolis, PA
- Thursday November 21 - SEMPES Meeting, Dearborn, MI

Heat Exchangers, Chillers and Condensers

are constructed of bundles of copper tubes held together by tube plates, all of which are contained in a solid metallic cylinder. If these units are left unattended, the corrosion would completely destroy the tube plate as seen in the photo. But USI has the Repair Solution needed to extend the life of your Heatexchangers, Chillers & Condensers.



CONTRACTORS CORNER

3 TIPS ON COLD WEATHER 2 PART EPOXY COATINGS

#1 Material temperature and surface temperature are BOTH important. Some polymers will not cure correctly if the material temperatures are too low, and even if you have the material temperature correct, applying the product onto an extremely cold surface will simply cool it off. Therefore, check the manufacturer recommendations and remember to keep the substrate temperature and the material temperatures in the correct range.

#2 The coverage you get during the summer months will often be different from what you get during the winter. Lower temperatures will make your coating viscous, and with a slightly thicker material, coverage will be less. For example, a coating that goes on 10 mils during the summer may very well go on 12 mils during the winter. Remember to calculate this into the amount of coating you are looking buy.

#3 How you store your coatings is important. It can take a long time to heat them to their recommended temperatures if they get too cool, losing time on you project; in addition many epoxy polymers will crystallize if left too cold for too long. You may open a pail and see stiff material due to the crystallization of polymers. Avoid this by keeping your material stored at the recommended temperatures.

The USI Team offers:

Technical Support • Training • Troubleshooting

HOT SHOT Same Day Local Deliveries for Emergencies and Next Day Deliveries for orders placed by 2:30PM EASTERN TIME

CONTACT THE USI TEAM TODAY! We have an Unconventional Solution for YOU!

Tiffany

President & Technical Support - MI HQ
tiffany@USIgroups.com • 248-515-4938

Doug

Technical Director USA - MI HQ
dk@USIgroups.com • 248-830-2935

Christine

Staff Accountant - MI HQ
accounting@USIgroups.com • 248-735-7000 Ext 204

Christina

Graphics/Media - MI HQ
graphics@USIgroups.com • 248-735-7000 Ext 205

Julie

Receptionist/Customer Service - MI HQ
office@USIgroups.com • 248-735-7000 Ext 202

Joe

Inventory Specialist - MI HQ
warehouse@USIgroups.com • 248-735-7000 Ext 206

Brittany

Technical Sales Consultant/Support/Training - SW Ohio Branch
dayoffice@USIgroups.com • 513-383-6302

Jason

Shipping/Receiving/Customer Service - SW Ohio Branch
daywh@USIgroups.com • 937-704-4220

Tom

Warehouse/Inside Sales - SW Ohio Branch
isday@USIgroups.com • 937-202-0002

Nicole

Branch Coordinator - NW Indiana/Chicagoland Branch
nicole@USIgroups.com • 219-733-0541 • Mobile 312-890-6465



FAST, FRIENDLY DELIVERY - RESULTS, NOT EXCUSES!

MI HQ 248-735-7000 | OH 937-704-4220 | IN 219-733-0541
www.USIgroups.com

MI HQ - 28056 Oakland Oaks CT., Wixom, MI 48393

