

CORTEC*Vision*

April 2023

EXPANDING BORDERS

Cortec® Acquires Singapore Office

EcoCortec® Adds Facility

Cortec® CEO Awarded

**'Vecernjakova
domovnica'**

MAKING AN IMPACT . . . Page 3
OUT AND ABOUT . . . Page 5
RESOURCE NEWS . . . Page 6
PRODUCT NEWS . . . Page 7
UPCOMING EVENTS . . . Page 10

EXPANDING BORDERS

Cortec® Acquires Singapore Office!



Cortec® continues to expand around the world! One of the biggest pieces of news in the last year has been the acquisition of Cortec® Southeast Asia (CSEA) Technologies Pvt Ltd in Singapore from Cortec's joint venture partner. Since January 2019, CSEA has been a valued partner and distribution hub for Cortec® products and services in Southeast Asia, serving the markets of Singapore, Malaysia, Thailand, Brunei, and Indonesia. Cortec's recent acquisition of CSEA will take that tradition to a new level of real-time product and service responsiveness once the transition is complete. Meanwhile, the familiar CSEA support team will remain the same.

Over the last 45 years, Boris Miksic has watched Cortec® grow from a small startup in his home in Minnesota into a multinational entity with offices based in the U.S., Canada, Europe, and now Singapore. He commented that, "Acquisition of Cortec® SEA in Singapore is an important step forward for our Group by expanding logistics and technical support to the distribution network in Asia and Australia."

Team members from Cortec® headquarters have been flying back and forth to negotiate and facilitate a smooth transition over the last several months. A highlight of this process

was simultaneously hosting a Southeast Asia sales and training meeting November 4th for distributors from Singapore, Indonesia, Malaysia, and Thailand. The news of CSEA acquisition by Cortec® headquarters received an overwhelmingly positive response from long-term distributors and we look forward to improved inventory responsiveness and an expanded presence in Southeast Asia!

Grand Opening Ceremony of New EcoCortec® Plant!

October 11th, 2022, marked two important celebrations: the birthday of CEO, Boris Miksic, and the grand opening ceremony of EcoCortec's facility expansion. After 17 years of successful business and continuous growth, EcoCortec® has added a new polymer processing facility and regranulation facility near the main plant. Guests from 17 countries joined the celebration, and members of local media covered the ceremony as Beli Manastir's Mayor, Tomislav Rob, joined Boris in cutting the ribbon. The day ended with tours and celebrations, followed the next day by a colloquium, round table discussion, and information exchange.



Cortec® CEO Boris Miksic Awarded Prestigious "Vecernjakova domovnica"



Almost 50 years after emigrating from Croatia to an unknown future in America, Boris received the most prestigious award for successful Croats living outside the borders of their homeland. The "Vecernjakova domovnica" award primarily goes to athletes, musicians, and a variety of entertainers, but this year, a significant number of nominations were made for successful Croats involved in humanitarian and other endeavors that bring honor to the Croatian name abroad. Among these was Boris Miksic, who was presented his award by Croatian Minister of Economy, Dr. Filipovic, at a gala dinner and award ceremony March 4th at Kurhaus Congress Center in Bad Homburg.

In a speech to the hundreds of notable guests, the President of the Croa-

MAKING AN IMPACT

tian Parliament commented, "These are such inspirational stories of people who have established themselves in the countries where they live and achieved incredible success. At the same time, they remained firmly connected with the homeland."

Boris, who has actively participated in developing the Croatian economy for decades, has also served as honorary consul general of the Republic of Croatia in the USA. "It is hard to explain how much this award means to me," Boris shared. "My vision for Croatia was always to be [the] stable, prosperous country that it is today. Decades ago, I imagined it to be a crucial point for developing our environmentally safe technologies because I was aware of its potential. Today, my team and I turned our dream into reality and I run most of my business from here. We became a green hub of Europe for green VCI technologies and have big plans for the future!"

Kevin Quan Elected to Two East Coast Chapters of ICRI



We are pleased to announce that Kevin Quan (MCI® Regional Sales Manager, East Coast) has been elected to two local boards of the International Concrete

Repair Institute (ICRI). After seeing the value of membership with local chapters, Kevin has joined the leadership team on the boards for the ICRI Delaware Valley and ICRI Baltimore/Washington DC chapters. Kevin's underlying responsibility for the next three-year term will be to promote awareness of ICRI membership value to the industry while helping implement ICRI initiatives and enhancing

the value of ICRI to its members. By serving on multiple boards at once, he hopes to be able to share best practices from chapter to chapter!

Khalil Abed Elected to AMPP Board of Directors

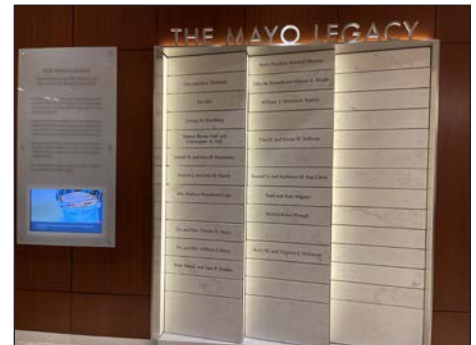


We were pleased to see Khalil Abed, General Manager of the Cortec® Middle East regional office, elected to the AMPP Board of Directors for 2023-2025.

Since becoming a member of the legacy NACE International organization (merged with SSPC to become AMPP in 2021) more than 10 years ago, Khalil has become an active contributor to this prestigious organization of corrosion engineers, writing papers, chairing technical committees, attending NACE conferences, and even participating in NACE's leadership training program. Khalil envisions being able to "position AMPP as the leading professional platform for materials and corrosion related knowledge, business, software, technology and creative skills." With his solid corrosion engineering and organizational skills, Abed is on track to add an excellent dimension to the global non-profit authority on corrosion control and materials protection! Learn more here: <https://www.cortecvci.com/news-alert-cortec-middle-east-general-manager-elected-to-ampp-board-of-directors/>

Becoming Part of the Mayo Legacy

Boris and his wife, Ines Tendler, have joined the Mayo Legacy program through planned giving of a multimillion-dollar endowment that will help



fund the Mayo Clinic's cutting-edge medical research group. In addition to his respect for the Mayo Clinic as the world's number one hospital, Boris has a special place in his heart for the Mayo Clinic as a fellow Minnesota-made entity like Cortec® Corporation, his own enterprise that has ultimately made this gift possible. "As a Minnesota based corporation it is our mission to support clinical research for the benefit of mankind 'made in Minnesota,'" Boris stated. Boris is happy to know that the fruits of his life work will continue to impact future generations beyond his own lifetime thanks to the Mayo Legacy.

CorteCros® Installs Solar Power

Cortec® is excited to be moving to solar power at its CorteCros® plant in Split, Croatia! The company recently installed new solar panels to collect renewable energy from the sun and convert it into electrical energy that will be used to power the CorteCros®

MAKING AN IMPACT



facility and logistics center. With an average of 2700 hours of sun per year, average annual solar power production is expected to be more than the average annual energy consumption at CorteCros®, with an approximately 97% expected savings compared to the cost of the facility's traditional energy source.

Cortec® Becomes a BioPreferred® Champion

The USDA BioPreferred® Program* celebrated its 20th anniversary in 2022, using the occasion to recognize certain companies as BioPreferred® Program Champions. In a letter awarding the badge to Cortec®, Andrew Jermolowicz (Director of the Business Development Division of the USDA Rural Business Cooperative Service) wrote, "This badge signifies your long-term commitment to using renewable materials, reducing our



*For more information, go to <https://www.biopreferred.gov>.

reliance on petroleum, supporting the bioeconomy, and bettering the planet." Cortec® was one of the first 500 companies to earn a USDA Certified Biobased Product label after the voluntary labeling initiative started in 2011 and was therefore recognized as a USDA BioPreferred® Program Pioneer in 2021. Cortec® currently has 40+ USDA Certified Biobased Products and continues to be on the lookout for more ways to expand this portfolio, with one of its most recent additions being a corrosion inhibitor for CUI (see PRODUCT NEWS section later in this newsletter).

A Taste of the Wild West at AMPP 2023 in Denver!

Cortec's delegation to this year's AMPP conference found itself in Denver, Colorado, March 19th-23rd for several days of intense focus on corrosion, livened by a glimpse of the Old West in this historic city once on the American Frontier!

Our sales and technical team had the pleasure of seeing many familiar faces at our booth in between walking the show floor and attending a wealth of technical sessions. Of special interest to our R&D team was the opportunity to learn about techniques, raw materials, and trends that can be of use in the development of new products.

A highlight of the technical talks was Dr. Behzad Bavarian's presentation of research on using Migrating Corrosion Inhibitors and Surface Applied Corrosion Inhibitors to minimize deterioration of concrete in environments at high risk for Microbiologically Induced Corrosion (MIC), a common problem in sewer systems. Also of note was the role of Cliff Cracauer (EVP Sales & Marketing) as chair of the "Corrosion Inhibitor Application on Metallic Surfaces"



symposium. Further representing Cortec's technical contribution, a session of the SC-13 Corrosion Monitoring and Measurement Committee shared about progress on updates to the NACE TM-0208 VIA test standard, a project that Cortec® Laboratory Manager Pavlo Solntsev has been helping the committee with over the last year.

A special treat for the Cortec® family, along with a handful of consultants, customers, and distributors, was an intimate private party with Wild West fare at the Buckhorn Exchange Restaurant. This historic establishment is the oldest restaurant in Denver, started in 1893 by Henry H. "Shorty Scout" Zietz, a friend of "Buffalo Bill" Cody and Chief Sitting Bull. Practically a museum itself, the restaurant boasts 500 wild game mounts, a 125-piece gun collection, and other artifacts displayed throughout. Guests over the last 130 years have included four presidents, Hollywood legends, and astronauts—not to mention the many railroad



OUT AND ABOUT

men, miners, and businessmen who ate and drank there in early days. Many dishes on the menu remain the same, and Cortec's team enjoyed choosing from an exotic selection of elk, buffalo, and wild meats not typically encountered in everyday dining!

Next year, we will be reuniting March 3rd-7th in New Orleans for AMPP 2024, when we look forward to celebrating a special milestone of Boris's 50th anniversary with the organization!

Learning and Growing at WOC 2023!

Another World of Concrete (WOC) has come and gone, leaving more construction industry professionals aware of MCI® tools to mitigate rusted rebar in concrete and extend service life. In addition to seeing new faces, it was great to reconnect with many who made the annual trip to Las Vegas to stay informed and reenergize for a great year ahead!

We started the week of January 16th-19th having a great time with industry friends at a Las Vegas Golden Knights hockey game. From there, some of us stopped in at the Monday night ICRI kickoff party to connect with industry manufacturers before the first full day of the show. Tuesday, we jumped into our annual MCI® distributor and reps meeting, packing a wealth of industry updates, strategies, and insights into an hour-and-a-half lunch



session. Back on the exhibit floor, our MCI® technical team did a great job hosting the Cortec® MCI® booth for the majority of this year's show.

Thanks to all of you who made the effort to travel from near and far to collaborate, learn, and grow with us at WOC 2023. We wish you a great year ahead and look forward to seeing you at the next concrete event!

Queenston at LAGCOE Energy Fest

Thanks to all of you who share VpCI® Technology at trade shows throughout the year! The picture below shows our friends from Queenston at the October LAGCOE Energy Fest 2022, where they highlighted Cortec® sprays, packaging, and other rust preventative chemistries.



Raising VpCI® Technology Awareness in Peru

We were honored to join the Energía Integral Andina Sucursal del Perú (EIA Peru) sales team in November at the 22nd Peruvian Maintenance Engineering Congress and EXPOMANT trade show, both organized by IPEMAN (the Peruvian Maintenance Institute).



Remarkably, the EIA Peru booth was the only one focused on bringing the corrosion inhibitor technology message to the numerous trade show attendees at EXPOMANT, the most important maintenance event in the region. The fact that all booth visitors requested a visit by the EIA Peru sales team to their plants/offices underscored the audience's relative unfamiliarity with and growing interest in VpCI® inhibitors. Read more: <https://www.cortecvci.com/news-alert-raising-industrial-awareness-of-cortec-vpci-inhibitor-technology-in-peru/>

RESOURCE NEWS



MCI® Brochure Update

If a picture is worth a thousand words, our updated MCI® Technology general brochure has more to say than ever! Hot off the press just in time for World of Concrete at the beginning of this year, the latest version includes a QR code and link to our MCI® admixtures animation, larger illustrations in the product application guide, and an expanded specialty products section that tells a much clearer story on where and how these MCI® solutions can be used.

The brochure also has updated references to relevant certifications and guidelines such as CE certification and ACI and ICRI guidelines that recognize the underlying chemistry of MCI®. Updated charts are also a plus. Start using this great tool for informing yourself, you colleagues, and your clients in your sustainable building efforts!

Check out the updated brochure here: https://www.cortecmci.com/wp-content/uploads/2023/01/MCI_Gen_Brochure_01-2023_Final.pdf

Coating Adhesion Demo Video

Good coating adhesion is vital to the success of a Cortec® Coating system—or any paint job, for that matter. Without it, the paint will peel off, and the surface will be unprotected. To prevent such premature failures, painters can now watch Cortec's coating adhesion test demo video and follow the directions to make sure their paint job is headed for success! This is a great resource to use yourself and share with others online—whether you have an ASTM D3359 test kit or just a utility knife and some tape. Watch now: <https://www.cortecvci.com/news-alert-new-cortec-demo-video-how-to-test-coating-adhesion/>



New Surface Prep Guide for MCI® SACIs

Our new MCI® surface prep guide is designed to help contractors and building owners get the most out of their MCI® surface applied corrosion inhibitor (SACI) application to mitigate rusted rebar in concrete. It includes a chart noting coverage rate, recommended surface prep, and special remarks for specific SACIs. If you apply MCI® SACIs or know someone who does, this guide is a great place to start finding surface preparation best practices at your fingertips in online or printable format.

Surface Preparation Guide for MCI® Products

Application of MCI® surface applied corrosion inhibitors (SACIs) for concrete can only start after properly preparing the concrete surface. This includes removal and replacement of non-durable concrete and/or repair of surface irregularities. Removal of all deteriorated or cracked concrete all the way down to sound concrete is recommended. Concrete repair should be in accordance with applicable codes and standards. Repair should be allowed to cure before coating or sealers. It is also recommended that concrete is properly cured and adjacent surfaces must be sound, dry, clean, and free of all dust, dirt, oil, grease, laitance, efflorescence, sealers, coatings, curing compounds, rusts, mold, mildew, water marks, and asphalt. Cleaning can be done using steam cleaning, water blasting, sandblasting, or shot blasting. Use an air compressor with a water and oil trap to ensure the cleaning method does not apply materials intended for removal. Use a broom, brush, vacuum, or an air compressor to remove loose material from the surface before application.

Product	Coverage Rate	Recommended Surface Preparation	Notes
MCI®-2018	125-175 ft²/gal (3.0-4.0 m²/l)	Mechanically prepare concrete surface to obtain a surface profile of approximately 2.0-3.0 mils (51-76 µm) (CSP 1-3 per ICRI guidelines)	MCI®-2018 may be applied to damp surfaces. Although dry surfaces are preferred to achieve maximum penetration into the substrate.
MCI®-2019	125-175 ft²/gal (3.0-4.0 m²/l)	Mechanically prepare concrete surface to obtain a surface profile of approximately 2.0-3.0 mils (51-76 µm) (CSP 1-3 per ICRI guidelines)	MCI®-2019 can be used on concrete substrates that are pre-treated with silane.
MCI®-2020	150 ft²/gal (3.7 m²/l)	Clean and dry substrate before application.	If prior adhesion testing has not been performed, a water rinse may be required prior to application of adhesion testing or maintenance.
MCI®-2021	150-250 ft²/gal (3.7-6.1 m²/l)	Mechanically prepare concrete surface to obtain a surface profile of approximately 2.0-3.0 mils (51-76 µm) (CSP 1-3 per ICRI guidelines)	Apply two to five coats. If two coats are used, the application rate per coat should be between 200-500 ft²/gal (5.1-12.6 m²/l). Apply the second coat and any additional coats immediately after the previous coat is dry to the touch (visual drying time is 1 to 2 hours, depending on temperature). Apply only as much water as the surface will readily absorb. Overwatering MCI®-2021 can cause the appearance of efflorescence or concrete surface sulfate crystal formations on the surface of the substrate. After the final coat is applied, wet the entire treated area with a light water spray to assist in penetration and/or removal of any residual MCI®-2021 and any particles.
MCI®-2022	125-175 ft²/gal (3.0-4.0 m²/l)	Mechanically prepare concrete surface to obtain a surface profile of approximately 2.0-3.0 mils (51-76 µm) (CSP 1-3 per ICRI guidelines)	MCI®-2022 will not penetrate into flowing water, sealers, coatings, grouts, mortars, or asphalt. Repairs should be made by grinding, grinding or sanding until the surface is saturated. On horizontal surfaces, the liquid material should pond on the surface at least five seconds before being absorbed. On vertical surfaces, apply in a flooding application from the bottom up so the material runs down to the top (15-20 ft) before the 100% wetting is achieved. Apply the material in a flooding application until the surface is saturated. On horizontal surfaces, the liquid material should pond on the surface at least five seconds before being absorbed.
MCI®-2023 (New)	125-175 ft²/gal (3.0-4.0 m²/l)	Mechanically prepare concrete surface to obtain a surface profile of approximately 2.0-3.0 mils (51-76 µm) (CSP 1-3 per ICRI guidelines)	For best results, two applications are recommended. Mix with the second application applied using a side-on wet technique. Coating applications, particularly those that are used to protect the surrounding area from overspray and run-off.

For all products, if a subsequent application of a typical product requires more aggressive mechanical preparation (e.g., higher CSP profiles), use the same preparation method for MCI® products.

Be sure to bookmark this resource for your own use and share it with clients in need of MCI® surface prep guidance! <https://www.cortecmci.com/news-alert-new-surface-prep-guide-for-mci-surface-applied-corrosion-inhibitors/>

MCI® Grenade Demo Video

For 20 years and counting, MCI® admixtures have been available packaged in small water-soluble bags for ease of use and convenience. These MCI® Grenades can be added to concrete, repair mortar, and grout mixing water for enhanced corrosion protection. Our demo video shows an up-close look at what happens when these pre-dosed pouch-



RESOURCE & PRODUCT NEWS

es come in contact with mix water! Watch now: <https://www.youtube.com/watch?v=770P6AMvSMY>

CorrVerter® MCI® Rebar Demo Video



Do you ever wish you had a video to explain CorrVerter® MCI® Rust Primer for rebar to your clients or crew? Now you do, in the form of a two-and-a-half-minute demo video that covers the basic steps of CorrVerter® MCI® Rust Primer application. A highlight of the video is the time lapse that shows CorrVerter® MCI® turning from white to black as the primer dries over the course of 4-6 hours. The most obvious application is rusty rebar surface prep as a convenient alternative to sandblasting prior to concrete repair. It can also be used to passivate new rebar that may have rusted outdoors on the jobsite. Watch and share at this link: <https://youtu.be/4GtnllwpdzQ>

Solvent Rub Demo Video

Have you ever been applying a coating out in the field and wanted to know if enough time had passed to



apply the topcoat? Making sure a coating has fully cured before applying the second coat on top is critical to good adhesion and the success of the entire coatings system. This new demo video shows how to do a quick solvent rub test to make sure your coating has cured. It is easy to do out in the field! <https://www.youtube.com/watch?v=NrdAQiS77uk>

Inhibiting Corrosion Under Insulation

CorroLogic® CUI Inhibitor Injection is a new high temperature 100% Vapor phase Corrosion Inhibitor (VCI/VpCI®) for protection against corrosion under insulation (CUI). As its name implies, CorroLogic® CUI Inhibitor Injection can be injected directly into insulating material. The corrosion inhibiting vapor migrates from the injection point along the pipe to form a hydrophobic protective layer on metal surfaces beneath the insulation. This passive layer is long-lasting, protects in the presence of chloride-containing moisture, and can withstand high temperatures up to 662 °F (350 °C). Since its release in October 2022, CorroLogic® CUI Inhibitor Injection has been awarded the USDA Certified Biobased Product Label! Learn more about it here: <https://www.cortecvci.com/press-release-cortec-rd-leads-the-way-in-a-new-approach-to-cui/>

New Corrosion Inhibitor for Hydrotesting Drinking Water Systems

Just last month, we were pleased to announce that our newest corrosion inhibitor for hydrostatic testing had been certified to meet ANSI/NSF Standard 61 for use in hydrotesting of drinking water system components! This specialty concentrated liquid formulation contains contact



and Vapor phase Corrosion Inhibitors, along with a hard water stabilizer and an organic dispersing agent. It protects against corrosion at dosages as low as 0.3% by weight. It also has an extremely low chloride impact (less than 0.6 ppm at 0.3% dosage) for use in systems with tight chloride restrictions. Learn more: <https://www.cortecwatertreatment.com/2023/03/01/press-release-exciting-breakthrough-new-corrosion-inhibitor-for-hydrotesting-drinking-water-systems/>

**When used as a surface treatment at concentrations up to 3.0% and drained.*

Closing the Loop on Box Recycling



An innovative solution to recycling corrugated box waste into something valuable has been paired with EcoShield® Heat Sealable Paper to create dunnage bags onsite for a major Midwestern tool distribution company in the U.S. This "circular economy" solution closes the loop on recycling the high volume of box-

PRODUCT NEWS

es that come into the distribution facility. Instead of investing the societal resources required to bundle the boxes and send them off to the recycling center, the distribution center is now able to chop up the old boxes and use them to fill bags made out of EcoShield® Heat Sealable Paper. The resulting dunnage bags provide cushioning and void fill in their outgoing shipments and are expected to save the company six figures annually on paper previously purchased for package cushioning and fill material. The dunnage bags are made using special processing equipment from Europe in conjunction with an AVM vertical form, fill, and seal machine from PAC Machinery's sister company, Audion. Learn more about the exciting "circular economy" innovation here: <https://www.cortecpackaging.com/press-release-cortec-heat-sealable-paper-for-dunnage-bag-system-using-recycled-boxes/>

A Game-Changing Innovation for Fire Sprinklers

General Air Products has partnered with Cortec® Corporation to develop a Vapor phase Corrosion Inhibitor delivery system for corrosion mitigation of fire sprinkler systems. The new Vapor Pipe Shield is a convenient, more dependable alternative to nitrogen blanketing or dried air for protection of fire sprinklers against corrosion. It relies on Cortec® VpCI® Technology—Vapor phase Corrosion Inhibitors that create a protective molecular shield on the inside of the sprinkler piping system. No special equipment is required; the car-



tridge is compatible with standard sprinkler setups and is easy to install between the air compressor and the piping. Furthermore, a failed air compressor, nitrogen generator, or power source does not equal failed protection or require complete re-application. Learn more about what General Air Products calls "a game-changing innovation" here: <https://www.cortecvci.com/press-release-general-air-and-cortec-harness-patented-vpci-technology-for-fire-sprinkler-corrosion-mitigation/>

Self-Seal Bubble Bags with ESD and Corrosion Protection



EcoSonic® ESD Self-Seal Bubble Bags powered by Nano VpCI® combine Vapor phase Corrosion Inhibitors with self-seal cushioning bubble bags and ESD protection to safeguard sensitive electronics from three threats: triboelectric charge generation, corrosion, and physical damage. In addition to standard ESD protection that is typically a must-have in the electronics industry, EcoSonic® ESD Self-Seal Bubble Bags provide corrosion protection to metal components

by saturating the enclosed airspace with Vapor phase Corrosion Inhibitors. These form a protective molecular layer on all packaged metals without leaving behind a noticeable film or residue. Finally, the bubbles serve as cushioning, dunnage, and void fill material. These self-seal bubble bags are now available through Cortec® Advanced Films in Cambridge, Minnesota. Learn more: <https://www.cortecpackaging.com/press-release-ecosonic-esd-self-seal-bubble-bags-powered-by-nano-vpci/>

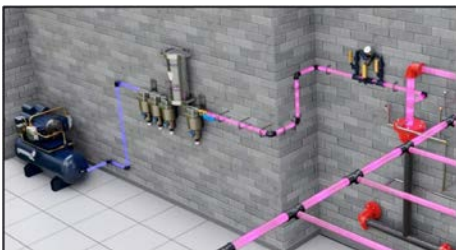
New Probiotic for Cat Litter and More!



Last fall, our biotechnology subsidiary, Bionetix® International, released a new probiotic waste-digesting deodorizing concentrate called ABC9000™. This probiotic additive can be used to formulate a wide range of products where it is necessary to remove wastes/stains or control and mask odors. Possible applications include cat litter, carpet cleaners, laundry detergents, powder or solid deodorizers, and more! Learn more about it here: <https://www.cortecvci.com/press-release-bionetix-develops-new-probiotic-additive-for-cat-litter-and-more/>

New 5-in-1 Probiotic Cleaner/Deodorizer

Another release from Bionetix® was HYGIEA2401™, a probiotic cleaning



ARTICLES



concentrate that works in five ways:

1. Physically, by encapsulating molecules that cause bad odors
2. Chemically, by binding substances that cause bad odors
3. Biologically, by degrading and digesting organic odor-causing molecules
4. Thoroughly, by tackling the source of the smell and cleaning it off
5. Pleasantly, by covering malodors immediately with specially-formulated long-lasting fragrances

These mechanisms provide a powerful combination that is perfect for garbage and recycling facilities/containers, bathrooms, fitness centers, and pet rooms! Learn more about this multipurpose cleaning concentrate here: <https://www.bionetix-international.com/press-release-bionetix-unveils-5-in-1-probiotic-cleaner-deodorizer/>

Protecting Cased Pipeline Crossings

"Protecting the unseen" is an article published in *World Pipelines* that draws on the expertise of Tim Whited, MESA, to explore protection of cased pipeline crossings from corrosion. Tim played an important role in the development of CorroLogic® VpCI® Filler and is conscious of a movement among pipeline operators to protect all of their casings—both regulated and unregulated—and get

the job done as part of integrity management.

Read the article to learn more about the cased pipeline environment: https://www.cortecvci.com/whats-new/announcements/Nov_2022.pdf

'Overcoming Excess: Adapting Biological Treatments to High Ammonia, Salt, and Chemical Wastewaters'

This article in *Water & Wastewater Asia* surveys the use of Bionetix® bioaugmentation technologies for wastewaters that have special challenges such as high ammonia, high salt, or other chemicals. It carries special insights for manufacturers of gloves, paint, petroleum, and toiletries to be able to manage their excess waste pollutants in order to avoid high BOD levels and compliance fines.

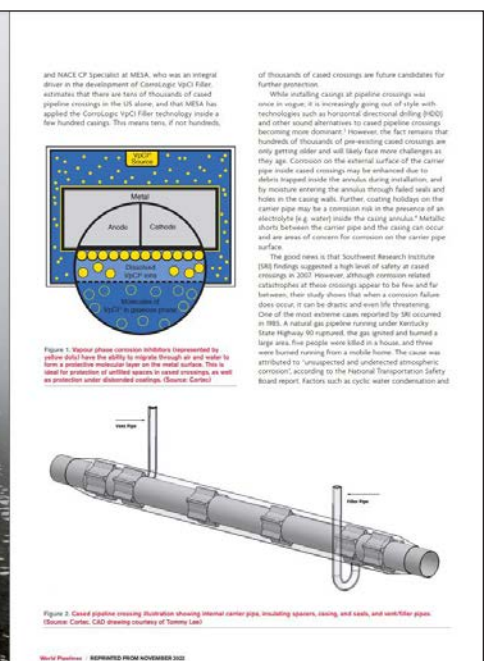
Read the article here: <https://www.yumpu.com/en/document/read/67476047/water-wastewater-asia-january-february-2023/43>



'Reducing Soil-Side Corrosion in Aboveground Storage Tanks'

Tim Whited also partnered with Cortec® to write an informative article for *Chemical Engineering* magazine on protection of aboveground storage tanks from soil-side corrosion. In it, he shared fresh data from the Cushing terminal tank project showing corrosion indications before and after VpCI® application.

Click here to read the full article and conclusions: <https://www.chemengonline.com/reducing-soil-side-corrosion-in-aboveground-storage-tanks/?printmode=1>



UPCOMING EVENTS

2023 ICRI Spring Convention

April 17th–19th, 2023
JW Marriott Parq Vancouver
Vancouver, BC, Canada
Booth #22
<https://www.icri.org/>



Offshore Technology Conference

May 1st–4th, 2023
NRG Park
Houston, Texas, USA
Booth #2603
<https://2023.otcnet.org/>

EUROCORR
August 27th–31st, 2023
Brussels, Belgium
Booth #22
www.eurocorr.org



EOS/ESD Symposium & Exhibits

October 1st–6th, 2023
Riverside Convention Center
Riverside, CA
Booth #403
www.esda.org

AWT 2023 Annual Convention

October 4th–7th, 2023
Devos Place & Amway Grand Plaza Hotel
Grand Rapids, Michigan
Booth #101
<https://www.awt.org/>



European Sales & Strategy Meeting

October 11th–13th
Radisson Blu Resort & Spa
Split, Croatia
https://www.cortecvci.com/whats_new/announcements/Save-the-Date-2023-Cortec-European-Sales-and-Strategy-Meeting-3.pdf

Keywords: Cortec, Cortec product news, Cortec new resources, Boris Miksic, Vecernjakova domovnica award winners, AMPP 2023, coating adhesion demo video, box recycling solution, corrosion inhibitor for hydrotesting, soil-side corrosion in aboveground storage tanks



4119 White Bear Parkway, St. Paul, MN 55110 USA
Phone (651) 429-1100, Fax (651) 429-1122
Toll Free (800) 4-CORTEC, E-mail: productinfo@cortecvci.com
<https://www.cortecvci.com>

