

COBRET INCOMENT TRATABANE

# **CAF Hosts Recycling and Bio-Films Event**

Cortec<sup>®</sup> Advanced Films (CAF) in Cambridge, Minnesota, hosted a plant tour on September 26<sup>th</sup> for the Society of Plastic Engineers (SPE). The tour was followed by two guest speaker presentations on the "Circular Economy of Plastics Recycling" and "Bio-Films/Bio-Plastics Current and Future." Both of these topics are highly relevant to CAF, which showcased its VpCl<sup>®</sup> film recycling processes during the tour and also discussed efforts and plans to increase the production of bio-films. After the tour, CAF was highly gratified to hear a general consensus among guests that CAF is one of the cleanest plants they have seen in a long time, with processes that appear to be spot-on!





# **Cortec® Attends Clean Cities Georgia Biobased Convention**

Cortec<sup>®</sup> is gaining a name in biobased product technology, as seen by its participation in a recent event hosted by Clean Cities Georgia, the United Soybean Board (USB), and NAFA Fleet Management Association. Markus Bieber (VP, Integrated Solutions) and Curt Hill (Regional Sales Manager, Southeastern U.S.) attended the two-day gathering of fleet owners and biobased product stakeholders September 10<sup>th</sup>-11<sup>th</sup> in Atlanta.

The first day provided an opportunity to gain insights into the biobased product market during the USB 2019 Biobased Stakeholders' Dialogue. The second day, Markus was invited to participate on the Soy-Biobased Products Panel during the Metropolitan Atlanta Area Fleet Administrators' Workshop, allowing him to bring Cortec's biobased technology directly in front of fleet managers. They were excited to learn that Cortec<sup>®</sup> has biobased products for use in fleet maintenance.

In certain product categories, federal agencies and their contractors are required to buy products that meet a minimum level of biobased content (for more information, go to <u>https://www. biopreferred.gov/</u>), so many hidden market opportunities for biobased products exist. Contact Markus (<u>mbieber@cortecvci.com</u>) or Curt (<u>chill@cortecvci.com</u>) for more ideas on how to uncover new potential in this growing market!



## **Cortec® Awarded Three USDA Biobased Certifications in 2019!**

Cortec<sup>®</sup> is pleased to announce that it has added three EcoLine<sup>®</sup> greases this year to its growing portfolio of USDA Certified Biobased Products!

EcoLine<sup>®</sup> Rail Curve Greases, Winter and Summer, were awarded USDA Certified Biobased Product designation in May. These are premium quality biobased, biodegradable greases designed to meet heavy-duty lubrication needs where rail curve greases are used. They contain 80% USDA certified biobased content and 86% USDA certified biobased content, respectively. Learn more: <u>https://www.cortecvci.com/Publications/PDS/Ecoline</u> <u>Rail Curve Grease W.S..pdf</u>





EcoLine<sup>®</sup> Fifth Wheel Grease was awarded USDA Certified Biobased Product designation in June. This premium quality extreme pressure grease offers an excellent biobased, biodegradable alternative to conventional all-purpose greases for lubricating metal-to-metal contact areas such as fifth wheels. Instead of risking potential pollution with a fossil-fuel based grease that could spill on the ground, using EcoLine<sup>®</sup> Fifth Wheel Grease on semi-trucks provides needed lubricity but is non-harmful to the environment if it happens to leak on the road.\*

https://www.cortecvci.com/Publications/PDS/Ecoline\_Fifth\_ Wheel\_Grease.pdf

Cortec<sup>®</sup> now has more than 30 products that have received this certification and which are also qualified products under the mandatory federal purchasing initiative of the USDA BioPreferred<sup>®</sup> program.

\*It is always important to ensure that use and disposal of all materials is in accordance with local guidelines.

#### EcoCortec® Host's Biocompack Steering Committee in Zagreb

EcoCortec<sup>®</sup> was pleased to host the fourth steering committee meeting of the Biocompack CE project, April 12<sup>th</sup>-13<sup>th</sup> in Zagreb, Croatia. EcoCortec<sup>®</sup> is one of ten international partners in the project, which aims to prevent the hazardous environmental impact of conventional plastic materials discarded in the environment while promoting sustainable and innovative technologies, especially in the packaging sector. The busy two-day meeting was a good opportunity to discuss project status and make plans for the next phase!



#### **EcoCortec® Highlights Biodegradable and Biobased Products at FachPack**

FachPack is one of the most important European packaging exhibitions, bringing together tens of thousands of professionals from packaging-intensive sectors. EcoCortec<sup>®</sup> representatives at the September 24<sup>th</sup>-26<sup>th</sup> convention stayed busy answering questions, displaying product samples, and giving deeper insight into Cortec<sup>®</sup> technologies. There was particularly strong interest in Cortec's biobased and/or biodegradable film technologies such as Eco Works<sup>®</sup>, Eco-Corr Film<sup>®</sup>, and Eco Film<sup>®</sup>. EcoCortec<sup>®</sup> also highlighted unique corrosion protection options in the form of Bio-Pad<sup>®</sup>, a VCI emitter made from biobased non-woven material, and BioCorr<sup>®</sup>, a dry film rust preventative that contains 64% USDA certified biobased content.



#### **Biobased MCI®-2005 Admixture Technology Featured in Construction Specifier Article**

Cortec<sup>®</sup> MCl<sup>®</sup>-2005 corrosion inhibiting concrete admixture was the biobased technology underlying a recent feature article in *The Construction Specifier* magazine. The article, entitled, "Bio-based corrosion inhibitors: Building for resiliency in marine environments," detailed the Lodge at Gulf State Park project, which initially planned to use epoxy coated rebar for corrosion protection in the harsh Gulf Coast environment. The project ended up switching to a biobased corrosion inhibitor admixture (MCl<sup>®</sup>-2005) after realizing it was able to meet budget constraints while significantly increasing the structure's expected service life. It also aligned with the project's overall goal to be LEED Gold certified. The article is worthwhile reading for anyone who wants to gain a deeper insight into the use and benefits of MCl<sup>®</sup> Technology for enhancing concrete durability.

Find the article at https://www.constructionspecifier.com/publications/de/201909/?page=18.

## New Case History Released on EcoLine® 3690

In September, we were pleased to share a recent success story on the use of EcoLine<sup>®</sup> 3690 for rust prevention at a manufacturer of tubes used for fire protection systems. The tubes move down the production line at a fast pace, and the ends of the tubes are missed during the rapid painting process. The customer needed a rust preventative for these ends and conducted a trial of EcoLine<sup>®</sup> 3690 on a small bundle of steel pipes (left bundle in image). Another bundle was sprayed with water-based paint (right bundle). After about eight months of outdoor storage, the manufacturer was impressed with the protection provided by EcoLine<sup>®</sup> 3690 and adopted it as a replacement for the previously used solvent-based rust preventative. "The product works well and is safe for our employees," said the customer. "That's all we need and we are glad to be using it."

Read the full case history at: <u>https://www.corteccasehistories.</u> com/?s2member\_file\_download=access-s2member-level1/ ch643.pdf



## A Pioneer in Biodegradable VCI Packaging for Almost 20 Years!

Cortec<sup>®</sup> is celebrating a long history of leadership in environmentally responsible VCI packaging solutions. Almost 20 years ago, Cortec<sup>®</sup> developed and patented Eco-Corr technology, the first biodegradable corrosion inhibiting film. Eco-Corr Film<sup>®</sup> utilizes inherently biodegradable components to achieve both corrosion protection as well as film compostability. Eco-Corr Film<sup>®</sup> is shelf stable and will not break down prematurely until disposed of in a proper composting environment. When placed in a typical commercial composting environment, Eco-Corr Film<sup>®</sup> will fully disintegrate within two to three months. Eco-Corr Film<sup>®</sup> complies with ASTM D6400 (BPI #051109-C).

Eco-Corr Film<sup>®</sup> provides metals packaged inside with continuous protection against salt, excessive humidity, condensation, moisture, and aggressive industrial atmospheres. When placed between metal surfaces, it protects against galvanic corrosion of dissimilar metals. Eco-Corr Film<sup>®</sup> passes NACE TM0208-2018

With pollution concerns rising and plastic regulations tightening around the world, Cortec<sup>®</sup> is eager to meet the need by ramping up production of Eco-Corr at its film plants. Contact Markus Bieber for more information: <u>mbieber@cortecvci.com</u>.



## EcoAir® Line Revamp Showcases "Green" Approach to Aerosol Spray Cans

Earlier this year, Cortec<sup>®</sup> gave a fresh new design to its line of EcoAir<sup>®</sup> corrosion solutions for MRO (maintenance, repair, and operations). Each of these popular Cortec<sup>®</sup> products is packaged in an eco-friendly bag-on-valve spray can powered by compressed air instead of traditional chemical propellants. Several of these products have the additional "green" advantage of being biobased:

- EcoAir® 422 (biobased rust remover)
- EcoAir® 423 (biobased rust remover for vertical surfaces)
- EcoAir<sup>®</sup> BioCorr<sup>®</sup> (biobased dry film rust preventative)

All these products are packaged at Cortec<sup>®</sup> Spray Technologies (CST), which emphasizes environmentally responsible practices as a participant in the voluntary Wisconsin Green Tier program since 2010. This program recognizes environmental performance above and beyond minimal Wisconsin state regulatory requirements. An exciting recent achievement was when CST reached its goal of reducing hazardous waste generation to the lowest category possible (VSQG) for its industry!

Learn more about our EcoAir<sup>®</sup> products and contract or private labeling opportunities at our CST website: <u>http://www.cortecspraytechnologies.com/?id=about%20us</u> We also invite you to stop by our booth at the upcoming FABTECH to see our full line of EcoAir<sup>®</sup> corrosion solutions on display!



FABTECH 2019 November 11<sup>th</sup>-14<sup>th</sup>, 2019 McCormick Place Chicago, IL USA Booth # B10033 https://www.fabtechexpo.com/



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