

# CORTEC Vision

July, 2010



# GREEN TIER CELEBRATION

Wisconsin's Green Tier program is the first of its kind in the nation. Under Green Tier, qualified businesses and associations make binding commitments to superior environmental performance. In exchange, these businesses are given incentives proportional to their environmental commitments. Green Tier enables good environmental actors to perform even better and recognizes their work. This allows the DNR to focus its resources on those facilities that need greater attention and assistance in meeting environmental requirements.

Cortec® Coated Products and Cortec® Spray Technologies are Tier 1 participants in Green Tier. In exchange for their commitment to superior environmental performance, the DNR grants participants a single point of contact with the department for easier communications and annual public recognition of participation, among other things.



## Speakers at C.C.P on June 18th, 2010

### Introduction/

Mike Galatowitsch, C. C. P. Operations Manager

### Opening Remarks/

Anna Vignetti, Cortec® VCEO/COO

### Eau Claire City Council/

Kerry Kincaid, President

### State of Wisconsin/

Ron Kind, Congressman

### Regional Representative/

Marjorie Bunce, to read statement from Senator Kohl

### Department of Natural Resources/

Matt Frank, Secretary of the DNR

## Speakers at C.S.T on June 25th, 2010

### Introduction/

Ed Bertges, C. S. T. Operations Manager

### Opening Remarks/

Boris Miksic, Cortec® President/CEO

### City of Spooner/

Gary Cuskey, Mayor

### State of Wisconsin/

Bob Jauch, Senator

### Department of Natural Resources/

John Gozdziński, Regional Director

### Department of Natural Resources/

Matt Frank, Secretary of the DNR





## Cortec® Coated Products, Green Tier



## Cortec® Spray Technologies, Green Tier



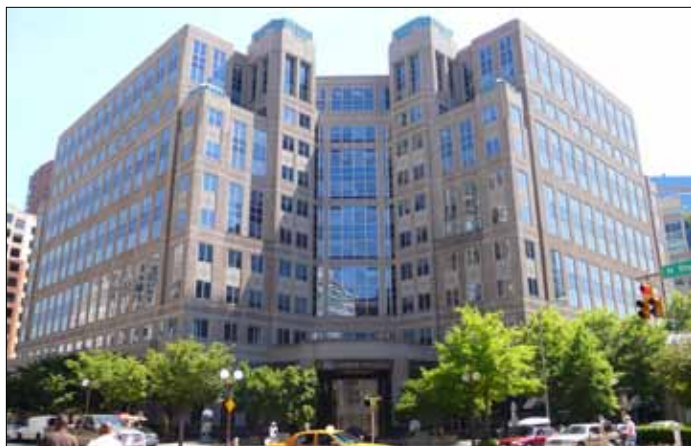
# Cortec® Corporation

## Awarded Small Business Innovation Research Phase I Grant.

Cortec® Corporation has been awarded a Small Business Innovation Research Phase I grant from the National Science Foundation (NSF). This project will evaluate the feasibility of producing bio-based, environmentally benign products from low-value agricultural byproduct streams in a cost effective and environmentally friendly manner for the prevention and treatment of corrosion and scale for water treatment and surface cleaning. This undertaking will expand the knowledge base in corrosion science and lead to valuable new products.

The cost to the US economy from corrosion is estimated at over \$300 billion per year. As a result, the market for products to prevent, control, and remove corrosion is huge. Cortec® currently produces several bio-based, biodegradable, and non-hazardous products for corrosion prevention. However, there remains a great and growing demand for more new products. Two specific markets are water treatment products for industrial cooling water (to prevent corrosion and scale formation) and surface cleaning (corrosion removal) on tanks and pipes.

This project will result in numerous benefits to the United States and the world. It will create additional revenue for agricultural producers and processors and additional jobs. Exports of new products will improve the balance of trade. Finally, these products will provide environmental benefits to both producers and users due to the use of renewable feedstocks and the environmentally benign nature of the materials.



**The National Science Foundation Headquarters located in Arlington, Virginia.**

## Congratulations to Cortec Korea on their 7th anniversary!

Anna Vignetti was pleased to spend Valentines Day on their grand opening seven years ago and this anniversary celebration in 2010 with our Cortec® Korea Family, at their Ulsan Location. The all day celebration ended with one of the best Sushi Dinners at Nansushi Japanese Restaurant. Smiling faces and warm hearts made for a special day and dinner.

From zero sales to being one of the top three countries in Asia for a number of years and number one at least once, we are happy and honored to have the commitment from Daniel Kim, Michael Jang, and the rest of the Cortec® Korea Family.



**Anna Vignetti and Daniel Kim**

# EcoWorks® Bags

## Comply with new state law

The State of Minnesota has a new law effective January 1, 2010 that states all composters in the metropolitan area that use bags for compost programs must use only certified compostable bags. Composters using curbside collection will therefore be required to use no bags at all, paper bags, or certified compostable bags.

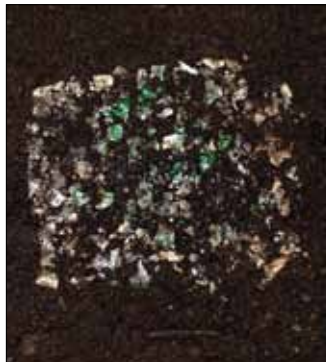
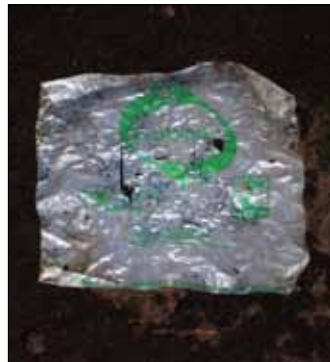
Additionally, the law bans and penalizes any manufacturer, distributor, or wholesaler that markets plastic bags as being “biodegradable”, “compostable”, “degradable”, “oxodegradable” or similar terms unless the plastic meets a scientifically based specification such as ASTM D 6400. Cortec® Eco Works® films and bags are in full compliance with both aspects of the new legislation.

Eco Works® Bags offers composters a lower cost, more effective means of organic waste collection and are designed to replace traditional bags made from polyethylene and contain renewable raw materials. Eco Works® bags can be customized to your precise needs. All Eco Works® bags are certified biodegradable and compostable per ASTM D 6400 and EN 13432 and can carry the BPI/USCC logo and the Din Certco mark of conformity.

## FEATURES

- Leaves no residue in finished compost
- Superior strength, shelf life, and curb-life
- Biodegrades at the same rate as common organic material
- Conversion to CO<sub>2</sub> and H<sub>2</sub>O in weeks under commercial composting
- Ideal for restaurants, schools, curbside programs, and agricultural uses
- Available worldwide

Prior to disposal, Eco Works® has excellent moisture resistance, heat resistance, shelf life, and curb life. Since microorganisms are the means of biodegradation, Eco Works® will retain its high performance characteristics until it is composted.



**Cortec® Laptop Cleaner successfully marketed in Ecuador by Milana and Francisco Hidalgo of Codamet Company.**

**From Left to Right: Francisco Hidalgo, Ines Miksic, Boris Miksic, and Milana Hidalgo**



# Cortec® HC Products

for drinking water pipeline applications.

Cortec's HC 2030, 2050, 2060, 2075, and 2090 products are high performance liquid blended phosphate products designed to sequester iron and manganese as well as hardness salts while also providing corrosion control. They meet NSF/ANSI Standard 60 for drinking water.

These products increase the working time for existing piping and associated equipment by decreasing build up attributed to excessive deposits of minerals and corrosion. They also assist municipalities in meeting the Lead and Copper Rule by reducing lead and copper leaching and pipe corrosion.

Product	Sequestering	Corrosion	Iron	Calcium	Magnesium
HC-2030	I	III	I	I	I
HC-2050	II	II	II	II	II
HC-2060	II	II	II	II	II
HC-2075	III	II	III	III	III
HC-2090	III	I	III	III	III

Legend: Excellent III, Very Good II, Good I



## US Composting Council: January 24 - 27, 2010 / Orlando, Florida



Left to Right: Ines Miksic, Boris Miksic, and Kristy Gillette



Left to Right: Ines Miksic, Mike Morin, and Kristy Gillette



Left: Boris Miksic collecting plastic garbage from Galapagos beaches with National Geographic's scientist Dr. Lynn Fowler.

Right: Boris Miksic came across a ship wreck from the 1920's on remote Fernandina Island of Galapagos Archipelago.

## BioCushion®

### for void fill applications

BioCushion® certified compostable air cushions for void fill applications offer an environmentally friendly alternative to traditional materials. Construction from 100% compostable materials that are certified per ASTM D6400 which fully biodegrades into carbon dioxide and water within weeks after disposal in a commercial compost facility. Offering superior mechanical properties compared to traditional polyethylene cushions, BioCushion® will provide superior packaging protection. Utilizing BioCushion® for your void fill and cushioning needs will reduce the amount of material compared to traditional void fill materials.

BioCushion® is designed to work in conjunction with the Cushion Fill Impact System, manufactured by CPI Packaging Inc. A complete BioCushion® System is available from Cortec® Corporation and CPI Packaging Incorporated.

#### Available in different formulations:

- VpCI®
- Biobased (5% - 70% renewable)
- All formulations are certified 100% compostable per ASTM D6400



## Bahrain Conference



**Kanoo Power and Industrial Projects Division at their booth during Bahrain Conference promoting Cortec® products.**



*"There are three things inevitable in life: death, taxes and corrosion."  
Thank God for corrosion!"*



# New Corrosorber® Liquid

## Non-hazardous gas treating scavenger

Corrosorber® Liquid is a concentrated water solution of a nitrogen based heterocyclic compound. It can be used to scavenge hydrogen sulfide ( $H_2S$ ), mercaptans, sulfides, and sulfur compounds from gas systems or liquid hydrocarbons. The product reacts quickly allowing for lower levels of treated hydrogen sulfide ( $H_2S$ ) where contact time is restricted. Typical field blends use 30% Corrosorber® Liquid with 0–15% methanol in water.

Corrosorber® Liquid is installed by batch treatment to reaction towers or is injected continuously into gas gathering lines, transmission lines, vapor overheads, or liquid product systems of pipelines. It can also be used as an additive for corrosion inhibitors and surfactants to enhance control of microorganisms. The product can be diluted with water or methanol for ease of application. Water containing reacted product can be reused in the water cycle including water gathering lines, water tanks, holding pits, and vapor overheads.



## Upcoming Events



Created: 6/10  
Cortec®, BioCorr®, BioCortec®, BioCushion®, Boiler Lizard®, Closed Loop Toad®, Cooling Tower Frog®, VpCI®, VpCI® Film Color of Blue®, VpCI-126®, VpCI-609®, VpCI-137®, VmCI-307®, EcoWorks®, EcoAir®, Eco-Corr®, EcoLine®, EcoClean®, EcoShield®, EcoWeave®, EcoSpray®, EcoCoat®, Eco Emitter®, EcoSol®, Eco-Tie®, Eco-Card®, Eco-Shrink®, EcoWrap®, Eco Film®, Cor-Mitt®, Cor-Pak®, CorShield®, CorSol®, Corrosorbers®, CorWipe®, CorVerter®, Corr Seal®, CorLam®, Corr-Fill®, Corrlube®, CRI®, Desicorr®, ElectriCorr®, GalvaCorr®, Super Corr®, HPRS®, CRI®, MCI®, MCI Grenade®, Milcorr®, and Rust Hunter® are trademarks of Cortec® Corporation.  
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