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PRODUCT RELEASE

Cortec® 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 by-product 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 National Science Foundation Headquarters



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.

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The National Science Foundation (NSF) is a United States government agency that supports fundamental research and education in the non-medical fields of science and engineering. It seeks to fulfill its mission chiefly by issuing competitive, limited-term papers in response to specific proposals from the research community. The NSF receives about 40,000 such proposals each year, and funds about 10,000 of them. Those funded are typically the projects that are ranked highest in a merit review process. Most NSF grants go to individuals or small groups of investigators who carry out research at their home campuses.

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