

## **AeonClad Coatings Opens New State-of-the-Art R&D Facility to Design and Prototype First of Its Kind Novel Reactors**

*AeonClad's new facility will focus on nanocoating solutions for consumer and industrial materials. The nanocoatings market is projected to reach \$17.9 billion by 2015.*

**AUSTIN, TX -- July 13, 2012 --** [AeonClad Coatings](#), LLC, an advanced materials company focusing on improving the performance of existing products for new applications, has announced the company's expansion into a new research and development facility located in Austin, TX. With the new facility, AeonClad will demonstrate how semiconductor plasma processing techniques and equipment can be adapted to handle a wider range of materials, shapes, and sizes such as powdered plastic additives, consumer apparel, and novel drug formulations. Instrumental to AeonClad's expansion has been the support of a multi-million dollar investment from one of its major industry partners.

Giving AeonClad more than 12,000 sq. ft. of additional R&D space, the new facility will be used for proof-of-concept design studies for novel reactors, reliability and efficiency evaluations, and material performance testing. By adapting semiconductor plasma processing technologies, the novel reactors will have the capability to run high volume, low cost materials thereby bringing precision, low environmental impact (greener), and advanced features that heretofore were not possible with older technologies. The designing and prototyping of novel reactors will support AeonClad's current and future customer development efforts in consumer and industrial materials.

Tony Taylor, AeonClad Coatings President, said, "Our expansion with the north Austin facility provides the bridge between the research and development efforts at AeonClad's laboratories in Austin's Bee Caves, and the full scale production capacity at our New Mexico site. It further strengthens our ability to deliver innovative, market-driven solutions to our customers."

### **Key Markets**

AeonClad Coatings provides nanocoating solutions to a wide range of industries but is focusing its efforts in its north Austin facility on consumer and industrial materials. The nanocoatings market is projected to reach \$17.9 billion by 2015. □ Robust potential markets for nanocoatings products exist worldwide for a myriad of applications spanning pharmaceuticals, healthcare, electronics, apparel, energy, transportation, construction, packaging, textile and security sectors. □

AeonClad Coatings is a portfolio company of Emergent Technologies, Inc. (Emergent), a leading technology access and innovation management firm. Thomas A. Harlan, Emergent CEO, commented, “The new facility is a significant milestone for AeonClad and will position the company as a leader in the research, development and production of new materials applications for current and future industry partners who want to differentiate their products, expand core businesses and increase market share.”

### **About AeonClad Coatings**

AeonClad Coatings is an advanced materials company focused on improving the performance of existing products for new applications. Founded on the pioneering research of Dr. Richard Timmons and his team at the University of Texas, Arlington, the AeonClad Coatings proprietary plasma deposition technology offers a single-step, solvent-free process for producing highly controlled conformable films with precisely defined chemistries. The technology enables the deposition of specific functional groups on surfaces of almost any substrate, dimension or activity. AeonClad’s novel nanotechnology innovation adds value to consumer, industrial and healthcare products that require precise, reproducible coating methods. For more information, visit the company website [www.aeonclad.com](http://www.aeonclad.com).

### **About Emergent Technologies, Inc.**

Headquartered in Austin, Texas, Emergent Technologies, Inc. (Emergent) utilizes its innovation-based, partner-driven model to identify, manage, develop and bring to market game-changing scientific discoveries. Emergent's diverse business and technical team along with its unique innovation process of transforming scientific breakthroughs into technology platforms with multiple applications, maximizes the value of promising ideas and underutilized intellectual properties without the risk associated with commercial development. Emergent applies its experience and expertise to provide investors, entrepreneurs, communities and industry partners access to innovative solutions to advance initiatives and protect and grow core businesses with novel, differentiating technology. For more information, visit the Emergent website [www.emergenttechnologies.com](http://www.emergenttechnologies.com)

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Reference:

1. “Nanotechnology in Coatings and Adhesive Applications: Global Markets,” BCC Research, January 2010

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