



## Cabot Corporation's Enova® Aerogel Enables New Aerolon Thermal Insulation Coatings

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*Tnemec Company utilizes Cabot's Enova aerogel to create the next generation of insulative coatings*

BOSTON, Apr 30, 2012 (BUSINESS WIRE) --Tnemec Company, Inc., is introducing Aerolon, a new insulative coating that features [Cabot Corporation's](#) (NYSE: CBT) Enova aerogel. The new product debuts at the Offshore Technology Conference (OTC) in Houston, today through May 3.

Aerolon is designed for industrial customers that use pipes, tanks or steel in industrial facilities such as refineries and processing plants. The new coating goes beyond just providing superior thermal efficiency performance. It also increases workplace safety and prolongs the lifetime of equipment.

The enabling technology to Aerolon is Cabot's Enova aerogel, one of the best insulating solids in the world. Cabot's Enova aerogel is the additive of choice for formulations requiring ultra-low thermal conductivity. Compared to traditional materials used in insulative coatings such as glass and ceramic spheres, Enova aerogel has the lowest thermal conductivity on the market.

By utilizing aerogel, the world's best insulating solid, Tnemec has developed Aerolon, the next generation of thermal insulation coating that is shown to provide:

- Worksite safety and protection - provides a burn protection barrier that helps prevent serious worksite accidents.
- Ultra-low heat transfer - dramatically more efficient than other thermal insulative coatings providing more energy savings in the same space.
- Corrosion resistance - hydrophobic coating bonds directly to material, preventing gaps where corrosion can begin.
- Fast application - higher build coats in less time mean lower labor costs and quick return to service.

"Enova aerogel enables a new class of Highly Thermally Insulative Coatings (HiTICs) to be produced that deliver the performance of traditional insulation and the flexibility of a coating in a single product," says James Pidhurney, global commercial manager of Cabot Aerogel's coatings business. "The collaboration between Cabot Aerogel and Tnemec fills the unmet need for safety and energy efficiency in the industrial market."

At OTC, live coatings demos will be showcased at the Cabot Aerogel booth #4076 as well as the Tnemec booth at #7427. Cabot Aerogel will also exhibit in booth #211 at the American Coatings Show the following week, May 8-10 in Indianapolis, IN.

### ABOUT ENOVA(R) AEROGEL

Enova aerogel is a robust material that is easily incorporated into formulations using standard methods. Each particle consists of more than 90 percent air trapped within a network of amorphous silica, making it twice as insulating as still air. It is manufactured by Cabot at a state-of-the-art facility in Germany which controls the material's porosity, pore size and distribution. The material is safe for human and ecological systems, and is already used extensively in demanding architectural daylighting applications and subsea oil and gas pipeline insulation around the world. Learn more at: [www.cabotaerogel.com/coatings](http://www.cabotaerogel.com/coatings).

### ABOUT CABOT AEROGEL

Cabot Aerogel is a business of Cabot Corporation, a global specialty chemical and performance materials company headquartered in Boston, Mass., USA. Cabot's other major products are [carbon black](#), [fumed silica](#), [inkjet colorants](#), and [cesium formate drilling fluids](#). Enova aerogel is registered trademark of Cabot Corporation. The company's website is: [www.cabot-corp.com](http://www.cabot-corp.com).

### ABOUT TNEMEC

Since 1921, Tnemec Company, Inc. has been a leading manufacturer of high-performance architectural and industrial coatings, and that tradition continues with innovative coating formulations that protect a wide range of substrates and enhance aesthetics. From water tanks and treatment plants, to manufacturing plants, industrial facilities, and specialty architectural buildings, Tnemec coatings can be found protecting virtually all types of structures and buildings. For more information visit: [www.tnemec.com](http://www.tnemec.com).

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