



## Cabot Corporation Launches Transfinity™ High Performance Elastomer Composites

January 9, 2012

*Transfinity products are a new class of materials that dramatically improves elastomer durability*

*High strength of Transfinity materials enables new possibilities in product design for mining, defense, automotive and aerospace applications*

*New material affirms Cabot's commitment to materials innovation*

BOSTON--(BUSINESS WIRE)--Jan. 9, 2012-- [Cabot Corp.](http://www.cabot-corp.com) (NYSE: CBT) announces the launch of [Transfinity™](http://www.cabot-corp.com) elastomer composites, a new class of materials that dramatically improves elastomer durability and delivers transformational performance improvements in wear resistance and vibration isolation applications.

Transfinity products are composites made from elastomer latex, which is a liquid form of rubber, and reinforcing particles, such as carbon black. The products are produced in a patented process that creates composites that are stronger than conventional elastomer materials.

In the mining, defense, automotive and aerospace industries, customers can use Transfinity materials to engineer significantly longer lasting and/or smaller products for demanding applications.

"The transformational performance of Transfinity products has been validated in tire and defense applications, and we are on a path to commercialization in those markets," said Sameer Bharadwaj, general manager, Cabot Elastomer Composites. Transfinity products can extend the range of rubber pads or tracks on military vehicles, allowing tanks to travel farther without service and reducing the need for dangerous in-field service operations. Similarly, Transfinity products can vastly improve the service life of critical components in airplanes and helicopters.

Transfinity materials also enable entirely new possibilities in engineering design. For example, in automotive applications, the high durability of Transfinity composites creates opportunities to design smaller, lightweight suspension components that reduce vehicle weight and improve fuel economy.

"Transfinity products have great performance potential in mining, automotive and aerospace applications and we see significant opportunities for value creation in those markets," Bharadwaj said. "For example, the increase in global demand for commodities creates pressure on mines to maximize productivity. By using Transfinity composites to create highly durable protective liners for mineral processing equipment, mine operators can reduce downtime, improve energy efficiency and increase output and revenues from existing assets."

To learn more visit our website at <http://www.cabot-corp.com/elastomer-composites> or contact us at [transfinity@cabot-corp.com](mailto:transfinity@cabot-corp.com).

### ABOUT TRANSFINITY ELASTOMER COMPOSITES

Transfinity products are a Cabot brand of composites made from elastomer latex (a liquid form of rubber) and reinforcing particles, such as carbon black. Through the subsequent addition of curing agents, Transfinity elastomer composites can be molded or extruded and vulcanized to create shaped elastic parts. Final products produced with Transfinity elastomer composites can deliver dramatic performance improvements in wear resistance and vibration isolation applications.

### ABOUT CABOT CORPORATION

Cabot [Elastomer Composites](http://www.cabot-corp.com) 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](http://www.cabot-corp.com), [fumed silica](http://www.cabot-corp.com), [inkjet colorants](http://www.cabot-corp.com), [aerogel](http://www.cabot-corp.com), and [cesium formate drilling fluids](http://www.cabot-corp.com). The company's website is: <http://www.cabot-corp.com>.

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Photos/Multimedia Gallery Available: <http://www.businesswire.com/cgi-bin/mmg.cgi?eid=50125106&lang=en>

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