



## Press Release

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### **FLINT HILLS RESOURCES WILL MANUFACTURE EXPANDABLE POLYSTYRENE WITH NEW FLAME RETARDANT TECHNOLOGY**

*First Company in North America to Incorporate New Flame Retardant for Building, Construction Applications*

**WICHITA, Kan.,** July 25, 2013 – Flint Hills Resources, LLC, announced today that its polymer plant in Peru, Ill., will soon begin manufacturing its expandable polystyrene (EPS) resin with new polymeric flame retardant technology as an alternative to the flame retardant additive Hexabromocyclododecane (HBCD). The company’s transition to Chemtura-business Great Lake Solutions’ Emerald Innovation™ 3000 flame retardant is planned to start in August for some resin grades, with the full product slate expected to include the additive by late September.

“We understand our customers are looking for increasingly energy efficient and sustainable building design solutions,” said Francis Murphy, managing director of olefins and polymers for Flint Hills Resources. “Flint Hills Resources seeks to stay on the forefront of the best available technologies and is pleased to be the first company in North America to offer its EPS resins with the latest polymeric flame retardant. We believe our customers will find it an attractive sustainable alternative to the HBCD flame retardant additive commonly used today.”

Flame retardants play a crucial role in EPS resins, which, once expanded, are used in applications ranging from foam insulation to engineered building assemblies, significantly increasing the energy efficiency of structures. Incorporating flame retardants directly into building materials and construction products reduces the risk of fires and ensures compliance with building codes. Until now, HBCD has been the only flame retardant compatible with the EPS polymerization process and approved by regulatory agencies for use.

Flint Hills Resources’ newly modified resin has successfully passed rigorous third-party testing and is listed by Underwriter Laboratories, Inc., classified by Underwriter Laboratories Canada, and accepted by the International Code Council Evaluation Service for use in building and construction applications.

“Customers should not see any difference in their operations due to the additive change,” said Murphy. “We have carefully engineered our EPS resin to ensure consistency with our standards for high-quality products offered to the market.”

#### **About Flint Hills Resources**

Flint Hills Resources, LLC, through its subsidiaries, is a leading refining, chemicals and biofuels company. Its subsidiaries market products such as gasoline, diesel, jet fuel, ethanol, biodiesel, olefins, polymers, and intermediate chemicals, as well as base oils and asphalt. The company, based in Wichita, Kan., has expanded its operations through capital projects and acquisitions worth more than \$7.6 billion since 2002. With more than 4,000 employees, Flint Hill Resources strives to create value for customers and society. More on Flint Hills Resources can be found at [www.fhr.com](http://www.fhr.com).

The company’s polymer plant in Peru, Ill., is one of the largest producers of expandable polystyrene in North America.

