DuPont Fluorochemicals Announces Production Plans to Support the Introduction of a New Formacel® Foam Expansion Agent with Low Global Warming Potential

Production of HFO-1336mzz Enables the Introduction of New Offerings Based on Breakthrough Technology

WILMINGTON, Del., April 10, 2014 – DuPont Fluorochemicals (DuPont) today announced significant progress in delivering a new foam expansion solution based on hydrofluoroolefin (HFO) technology, which offers breakthrough reduction in global warming potential (GWP) as well as energy efficiency benefits.

DuPont has established firm plans to start-up small-scale production in 2014 of HFO-1336mzz, which will be marketed as Formacel® 1100 foam expansion agent. The company also is forming plans for world-class commercial capacity to meet the long-term needs of polyurethane foam customers for high efficiency, low GWP solutions.

DuPont is actively engaged in the development of Formacel® 1100 foam expansion agent as part of its expanding portfolio of low GWP products. In addition, the company is exploring the potential to use HFO-1336mzz in refrigerant applications.

Formacel® 1100 foam expansion agent, based on HFO-1336mzz, can help significantly reduce the environmental footprint of rigid polyurethane foam insulation around the world. In addition to its extremely low global warming potential and zero ozone depletion potential, Formacel® 1100 also offers excellent thermal insulation performance allowing for reduced energy consumption, which further reduces greenhouse gas emissions.

“At DuPont we apply science to create sustainable solutions that meet marketplace needs,” said Thierry F.J. Vanlancker, president, DuPont Chemicals & Fluoroproducts. “The commercialization of DuPont™ Formacel® 1100 is a great example of this as it will enable our customers to operate more sustainably. The product not only has zero ozone depletion potential and greater than 99 percent lower global warming potential compared to the HFCs used in rigid polyurethane insulating foam today, but also delivers significant energy efficiency benefits.”

“DuPont Fluorochemicals will continue to develop new offerings based on our breakthrough HFO technology and will pursue investments in large-scale and lower-cost production to enable adoption of DuPont™ Formacel® 1100,” said Kathryn K. McCord, global business director, DuPont Fluorochemicals.

For more information on DuPont™ Formacel® products, please visit http://www2.dupont.com/Formacel/en_US/index.html.
DuPont – one of the first companies to publicly establish environmental goals more than 20 years ago – has broadened its sustainability commitments beyond internal footprint reduction to include market-driven targets for both revenue and research and development investment. The goals are tied directly to business growth, specifically to the development of safer and environmentally improved new products for key global markets.

DuPont (NYSE: DD) has been bringing world-class science and engineering to the global marketplace in the form of innovative products, materials, and services since 1802. The company believes that by collaborating with customers, governments, NGOs, and thought leaders we can help find solutions to such global challenges as providing enough healthy food for people everywhere, decreasing dependence on fossil fuels, and protecting life and the environment. For additional information about DuPont and its commitment to inclusive innovation, please visit http://www.dupont.com.

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