



Dow Corning
2200 W. Salzburg Rd.
PO Box 994
Auburn MI 48611

dowcorning.com

Dow Corning to Spotlight New *Dow Corning*[®] MB25 035 Masterbatch for Low COF in FFS Packaging at AMI Multilayer Packaging Films Conference

MIDLAND, MICH. – May 10, 2017 – Dow Corning, a wholly owned subsidiary of The Dow Chemical Company and a global leader in silicones, silicon-based technology and innovation, will showcase at the upcoming Applied Market Information (AMI) Multilayer Packaging Films Conference its recently launched *Dow Corning*[®] MB25-035 Masterbatch. This leading-edge masterbatch technology is designed to reduce the coefficient of friction (COF) in high-speed form-fill-seal (FFS) packaging operations to optimize productivity and avoid costly interruptions. The new FDA-compliant product – developed for use with low-density polyethylene (LDPE) blown film – will be the topic of a technical presentation by Dow Corning Senior Thermoplastic Specialist, Ted Hays, on Tuesday, June 27 at 1:40 p.m. Central Daylight Time (CDT), and will be featured in the Dow Corning booth (#14) along with the company's complete line of advanced silicone-based additives for film processing and conversion.

"*Dow Corning* MB25-035 Masterbatch solves key drawbacks of organic slip additives that can affect the entire FFS packaging process – from inaccurate dosing to die build-up, and from rapid dissipation to negative impact on downstream operations," said Christophe Paulo, global segment leader, Plastics Solutions, Dow Corning. "By replacing standard COF additives with this high-end technology, our packaging customers can achieve excellent slip performance over time while raising productivity and controlling costs. This new addition to our broad and expanding portfolio of high-value silicone additives offers a better option versus competitive products for film producers and converters, and brand owners that use multi-layer packaging films."

Dow Corning MB25-035 Masterbatch for LDPE blown film offers a superior alternative to organic additives, whose slip performance is known to degrade over time and at elevated temperatures. The product need only be incorporated into the outside layer of the film, unlike organics that are used in all layers. This saves money and prevents migration into package contents. Additionally, it prevents die build-up and gel deposition that can cause production interruptions and impact quality. Hays will speak on this innovation in his technical presentation titled, "Next Generation Slip Additives for Low COF PE Films," where he will discuss in detail next-generation silicone-based additives for film that deliver longer-lasting, cost-effective slip performance than has been achieved to date. These additives also minimize impact on physical properties and haze.

Comprehensive Additive Portfolio

Dow Corning's broad portfolio of silicone additives for film applications to be displayed at the AMI conference also includes *Dow Corning*[®] MB50-801 Masterbatch for polypropylene (PP) and *Dow Corning*[®] MB50-802 Masterbatch for LDPE. Both are pelletized formulations containing 50 wt% of an ultra-high molecular weight siloxane polymer dispersed in the base resin to impart benefits such as processing improvements and modification of surface characteristics. *Dow Corning* MB50-801 Masterbatch improves dispersion and enhances scratch performance, while *Dow Corning* MB50-802 Masterbatch can reduce die build-up.

The AMI Multilayer Packaging Films Conference will be held in Chicago, Ill. from June 27-28 2017. Dow Corning technical experts will be on hand for the duration of the conference to answer questions and discuss the company's portfolio of silicone additives for film applications.

About Dow Corning

Dow Corning (dowcorning.com), a wholly owned subsidiary of The Dow Chemical Company, provides performance-enhancing solutions to serve the diverse needs of more than 25,000 customers worldwide. A global leader in **silicones**, silicon-based technology and **innovation**, Dow Corning offers more than 7,000 products and services via the company's Dow Corning® and **XIAMETER**® brands. More than half of Dow Corning's annual sales are outside the United States. Dow Corning's global operations adhere to the American Chemistry Council's Responsible Care® initiative, a stringent set of standards designed to advance the safe and secure management of chemical products and processes.

About Dow

Dow (NYSE: DOW) combines the power of science and technology to passionately innovate what is essential to human progress. The Company is driving innovations that extract value from material, polymer, chemical and biological science to help address many of the world's most challenging problems such as the need for clean water, clean energy generation and conservation, and increasing agricultural productivity. Dow's integrated, market-driven, industry-leading portfolio of specialty chemical, advanced materials, agrosiences and plastics businesses delivers a broad range of technology-based products and solutions to customers in approximately 180 countries and in high-growth sectors such as packaging, electronics, water, coatings and agriculture. In 2015, Dow had annual sales of nearly \$49 billion and employed approximately 49,000 people worldwide. The Company's more than 6,000 product families are manufactured at 179 sites in 35 countries across the globe. On June 1, 2016, Dow became the 100 percent owner of Dow Corning Corporation's silicones business, a global company with sales of greater than \$4.5 billion in 2015, 25 manufacturing sites in 9 countries and approximately 10,000 employees worldwide. References to "Dow" or the "Company" mean The Dow Chemical Company and its consolidated subsidiaries unless otherwise expressly noted. More information about Dow can be found at www.dow.com.

###

For further information contact:

Brittney Quider-Zabawski
Dow Corning
+1.989.496.5933
brittney.quider@dowcorning.com

Amy Godfrey
AH&M Marketing Communications
+1 413.448.2260, Ext. 370
agodfrey@ahminc.com



Dow Corning to spotlight New *Dow Corning*[®] MB25 035 Masterbatch for Low COF in FFS Packaging at AMI Multilayer Packaging Films Conference



© The Dow Chemical Company

PHOTO: *Dow Corning*[®] MB25-035 Masterbatch Used in High Speed Form-fill-seal Packaging

Dow Corning, a wholly owned subsidiary of The Dow Chemical Company and a global leader in silicones, silicon-based technology and innovation, will showcase at the upcoming Applied Market Information (AMI) Multilayer Packaging Films Conference its recently launched *Dow Corning*[®]MB25-035 Masterbatch. This leading-edge masterbatch technology is designed to reduce the coefficient of friction (COF) in high-speed form-fill-seal (FFS) packaging operations to optimize productivity and avoid costly interruptions. The new FDA-compliant product – developed for use with low-density polyethylene (LDPE) blown film – will be the topic of a technical presentation by Dow Corning Senior Thermoplastic Specialist, Ted Hays, on Tuesday, June 27 at 1:40 p.m. Central Daylight Time (CDT), and will be featured in the Dow Corning booth (#14) along with the company’s complete line of advanced silicone-based additives for film processing and conversion.

###