



PRESS RELEASE

Momentive Expanding Portfolio of Silicone Technologies to Support Growing LED Packaging and Assembly Companies

LEVERKUSEN, GERMANY, 24TH OCTOBER 2007

InvisiSil LED Encapsulants and Glob Top Encapsulants Help Improve Performance and Durability of LED Packages*

Momentive Performance Materials, a leading manufacturer of custom heat-cured elastomers, liquid silicone rubber (LSR) and RTV adhesives, today announced an expansion of its InvisiSil* LED (light emitting diode) encapsulants and Glob Top encapsulants portfolios to support the increasing need for advanced silicone technologies in LED packaging.

To facilitate enhanced transmission of light emitted from LEDs, InvisiSil LED encapsulants deliver high levels of optical efficiencies and a high-refractive index. In addition, InvisiSil LED encapsulants provide long-term durability by protecting against the yellowing and delamination that is typical of conventional epoxy-based materials. The InvisiSil portfolio includes the IVS4632, which offers high hardness and excellent light transmittance over a wide range of wavelengths.

New Glob Top encapsulant materials from Momentive provide consistent dispensing performance and material flow to form the dome shape for COB (chip on board) encapsulation. Component designers with chip-mounting and wire-bonding capabilities can benefit from the process simplicity enabled by Momentive Glob Top encapsulants. Momentive also is offering a new series of silicone lens fabrication materials that are excellent candidates for liquid injection molding processes. For example, the recently launched IVSM4500 delivers high transparency, mechanical strength and can be molded using a variety of techniques.

"At Momentive, we're leveraging our extensive technical expertise to develop new technologies that can help companies in the LED packaging and assemblies market sustaining growth," said Egbert Klaassen, Industry Manager, Electronics, Momentive Performance Materials. "Our commitment to the success of the LED industry also includes providing customers with technical support and collaborating closely with companies to develop new applications."



For instance, Momentive is cooperating with TridonicAtco Optoelectronics GmbH to develop a comprehensive range of LED lighting solutions using Momentive's silicone materials. Based in Austria, TridonicAtco Optoelectronics is part of the Zumtobel group, a world leader in the lighting industry.

To find out more about Momentive solutions for LEDs, please call +31.164.293.276 or visit www.momentive.com.

Momentive Performance Materials – Business Overview

Momentive Performance Materials was created from the sale of GE Advanced Materials and its former Joint Ventures GE Bayer Silicones and GE Toshiba Silicones to Apollo Management, L.P. in December 2006. Momentive is the world's second-largest producer of silicones and silicone derivatives and a global leader in the development and manufacture of products derived from quartz and advanced ceramics. Silicones are a multi-functional family of materials used in thousands of products and serve as a critical ingredient in many construction, transportation, personal care, electronic, consumer and agricultural uses. Silicones are generally used as an additive to a wide variety of end-use products in order to provide or enhance certain of their attributes, such as resistance (heat, ultraviolet light and chemical), lubrication, adhesion or viscosity. Some of the most well-known end-use product applications include bath and shower caulk, pressure sensitive adhesive labels, foam products, cosmetics and tires. Our Quartz division manufactures quartz, specialty ceramics and crystal products for use in a number of high-technology industries, which typically require products made to precise specifications.

These materials solutions are used as springboards for innovation in hundreds of consumer and industrial applications ranging from car engines to biomedical devices to integrated circuits. Industries served include aerospace, agriculture, appliances, automotive, construction, electronics, furniture and furnishings, healthcare, home care, industrial, lighting, packaging, personal care, plastics, semiconductor, telecommunications, tire, transportation, and water purification.

World Headquarters: Wilton, Connecticut
President & CEO: Jonathan Rich
Number of Employees: Approximately 5,000
Revenue in 2006: \$2.5 Billion
Website information available under: www.momentive.com



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