



FOR IMMEDIATE RELEASE

GE Has Continuity: New NIAx* Additives Improve Continuous Lamination Process for Construction Sandwich Panels

WILTON, Conn. — August 23, 2006 — GE Advanced Materials, Silicones has introduced NIAx* L-6630, L-6635 and L-6636 silicone stabilizers that help minimize the formation of surface defects during continuous lamination processes for “sandwich panels,” i.e., polyisocyanurate (PIR) and polyurethane (PUR) rigid foam core metal panels. These NIAx silicone stabilizers can reduce or eliminate the formation and growth of large gas bubbles, or “voids,” between the foam and the metal substrate of the sandwich panels. Effective void reduction means less sensitivity to coil coating quality and to process variability and impacts line speed, expansion rate, reactivity, and foam thickness.

“Depending on usage level, NIAx foam stabilizers are effective in various types of challenging processing conditions,” said Alberto Melle, GE global marketing manager, urethane additives. “Our product range will allow formulators to find an additive best suited for a specific system. If metered directly on a separate line, these silicones can act as “void control agents” by adjusting the addition level to actual requirements.”

This range of silicones is the most recent addition to the innovative line of NIAx* additives developed for the continuous lamination of PIR and PUR foams for sandwich panels. Other new products include:

- NIAx urethane and trimerization catalysts that are excellent candidates for formulated systems (batch) or for use in one or more separate metering lines. Key ingredients are available to help keep PUR and PIR foam production lines under control “smoothly and easily.”
- NIAx silicone additives for insulation board that help cover the requirements for all polyols, blowing agents and production techniques, including “high speed” lamination.

NIAx additives are focused on leading innovation in building materials through reduced CO₂ emissions.

NIAx L-6636 silicone is sold in North America; for samples of NIAx Silicone L-6636, call 800.295.2392 in North America.

NIAx L-6635 and NIAx L-6630 silicones are sold in Europe (phone +00.800.4321.1000) and in the Pacific (phone +86.21.5050.4666, extension 1523). Visit www.ge.com/silicones for literature and other information.

About GE - Advanced Materials

The Advanced Materials business of General Electric Company is part of the Industrial business group and is headquartered in Wilton, Conn. Comprised of Silicones and Quartz, GE - Advanced Materials is a global leader in providing a range of high-technology materials solutions. The GE - Advanced Materials, Silicones’ portfolio includes silicone-based products and technology platforms, silanes, sealants and adhesives. The Quartz portfolio includes high-purity fused quartz and ceramics materials. These materials solutions are used as springboards for innovation in hundreds of consumer and industrial applications ranging from car engines and integrated circuits to biomedical devices and



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cosmetics. 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. As a Worldwide Partner of the Olympic Games, GE is the exclusive provider of a wide range of innovative products and services that are integral to a successful Games. Experience more at www.ge.com/advancedmaterials.

*Niax is a trademark of General Electric Company.

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Contacts

The Americas

Nancy Pitts
GE - Advanced Materials, Silicones,
Wilton, Conn.
Tel: +1-203-761-1938
E-Mail: nancy.pitts@ge.com

Europe

Robert Scheib
GE Bayer Silicones, Leverkusen, Germany
Tel: +49 2143040532
E-Mail: robert.scheib@ge.com

Asia

Junko Tsuda
GE Toshiba Silicones, Tokyo, Japan
Tel: +81 3 5772 5345
E-Mail: junko.tsuda@ge.com

Greater China

Joyce Sun
GE Toshiba Silicones, Shanghai, China
Tel: +86 21 6288 1088 -149
E-Mail: joyce.sun@ge.com

Agency Contacts

The Americas

Tracy Van Buskirk
DeMartine Group
Westport, Conn.
Tel: +1-203-221-2790
E-Mail: tvanbuskirk@demartinegroup.com

Japan

Mitsu Sugino
Tokyo PR Inc., Tokyo, Japan
Tel: +81 3 3273 2731
E-Mail: sugino@tokyopr.co.jp

Greater China

Gracie Luo
Fortune China Public Relations Ltd.
Tel: +86 21 6289 5658 - 24
E-Mail: gracie.luo@fortunechina.com.cn

Korea

Chris Nam
Prad Communications
Tel: +82 2 6394 4190
E-Mail: chris@pradseoul.co.kr



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