



## Momentive Introduces Niax\* Surfactants for Microcellular Polyurethane Foam Applications

*Introduced at the UTECH North America Exhibition,  
New Niax Silicones Typically Provide Superior Performance for Low-Density Foam*

WILTON, Conn., September 24, 2007 — Momentive Performance Materials today announced an innovative family of Niax\* silicone surfactants that may be cost-effective for use in low-density foam formulations for important applications such as footwear and automotive.

Generally providing improved performance over the current industry standard, Niax silicones L-1501, L-1502, L-1503 and L-1504 are "cell regulators" that may be highly useful in a variety of polyurethane systems and across a wide range of microcellular foam densities. Niax silicones L-1505, L-1506 and L-1609 are "shear stabilizers" to be considered for use with the Niax cell regulators in ester, ether or mixed ester/ether systems.

"This new family of Niax silicones provides manufacturers with the best of both worlds – options for outstanding value and high performance," said Alberto Melle, global marketing manager, Momentive. "Through the use of our new line of surfactants, in conjunction with our new generation cell-opening Niax catalysts, customers may achieve outstanding end product performance without sacrificing cost efficiencies."

Cell regulating Niax silicone L-1501 typically helps provide the broadest use level latitude and allows the greatest cell opening. Niax silicone L-1502 may help improve skin formation. Niax silicone L-1504 may be a more cost-effective surfactant alternative within a narrower use range. Niax silicone L-1503 is an excellent candidate to consider as a potential cost-effective alternative for automotive applications where reduced silicone fugitivity is a requirement.

Below a foam density of 0.32 g/cc the cell-regulating surfactants tend to work synergistically with Momentive's shear-stabilizing surfactants. Shear stabilizers Niax silicone L-1505 (high performance for ester-based systems), Niax silicone L-1506 (cost-effective for both ester and ether-based system) and Niax silicone L-1609 (high performance for ether-based systems) typically reduce cell collapse and improve surface skin formation in the end product foam.

To find out more about Niax silicones, please call 800.295.2392 in North America (+1.607.786.8131 everywhere else) or visit [www.momentive.com](http://www.momentive.com).

### **About Momentive Performance Materials**

Momentive Performance Materials Inc. is a premier specialty materials company, providing high-technology materials solutions to the silicones, quartz and ceramics markets. The company, as a global leader with worldwide operations, has a robust product portfolio, an enduring tradition of service excellence, and industry-leading research and development capabilities. Momentive Performance Materials Inc. is owned by an affiliate of Apollo Management, L.P. Additional information is available at [www.momentive.com](http://www.momentive.com).

\*Niax is a trademark of Momentive Performance Materials Inc.

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