

Niax* Silicone L-5639

Product Description

Niax silicone L-5639 is a lower VOC, non-hydrolyzable, mechanical froth surfactant that offers high closed cell content, as well as reduction of both froth density and shear induced cell collapse.

Key Features and Typical Benefits

- Stabilization of mechanically frothed foam via:
 - Reduced froth density (< 27 pcf)
 - Reduced shear-induced cell collapse under doctor blade
 - Reduced bubble coalescence in oven cure conditions
 - Fine, microporous cell structure
- Lower VOC content compared to Niax silicone L-5614
- Increased closed-cell content compared to Niax silicone L-5614 and Niax silicone L-5617
- Non hydrolyze-ability

Potential Applications

- Automotive - parts produced via mechanical frothing, integral skin and RIM
- Electronics - gasketing, sealing and tapes
- Medical - bandages, padding and tapes

Typical Physical Properties

Appearance	Clear Liquid
Viscosity at 25 °C, cSt	<30,000
Specific Gravity at 25 °C	1.013

Typical properties are average data and are not to be used as or to develop specifications.

General consideration for use

The typical product usage range is 0.4 to 3.0 parts per hundred of polyol (php)

Patent Status

Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute the permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

Product Safety, Handling and Storage

Customers should review the latest Safety Data Sheet (SDS) and label for product safety information, safe handling instructions, personal protective equipment if necessary, emergency service contact information, and any special storage conditions required for safety. Momentive Performance Materials (MPM) maintains an around-the-clock emergency service for its products. SDS are available at www.momentive.com or, upon request, from any MPM representative. For product storage and

*Niax is a trademark of Momentive Performance Materials Inc.

handling procedures to maintain the product quality within our stated specifications, please review Certificates of Analysis, which are available in the Order Center. Use of other materials in conjunction with MPM products (for example, primers) may require additional precautions. Please review and follow the safety information provided by the manufacturer of such other materials.

Limitations

Customers must evaluate Momentive Performance Materials products and make their own determination as to fitness of use in their particular applications.

Contact Information

Email

commercial.services@momentive.com

Telephone

Americas

+1 800 295 2392

+1 614 986 2495

Latin America

+55 11 4534 9660

Europe, Middle East, Africa and India

00800 4321 1000

+40 213 044229

Asia Pacific

China

800 820 0202

Japan

+81 276 20 6182

All Other Countries

+60 3 9206 1543

For literature and technical assistance, visit our website at: www.momentive.com

DISCLAIMER:

THE MATERIALS, PRODUCTS AND SERVICES OF MOMENTIVE PERFORMANCE MATERIALS INC. AND ITS SUBSIDIARIES AND AFFILIATES (COLLECTIVELY "SUPPLIER"), ARE SOLD SUBJECT TO SUPPLIER'S STANDARD CONDITIONS OF SALE, WHICH ARE INCLUDED IN THE APPLICABLE DISTRIBUTOR OR OTHER SALES AGREEMENT, PRINTED ON THE BACK OF ORDER ACKNOWLEDGMENTS AND INVOICES, AND AVAILABLE UPON REQUEST. ALTHOUGH ANY INFORMATION, RECOMMENDATIONS, OR ADVICE CONTAINED HEREIN IS GIVEN IN GOOD FAITH, SUPPLIER MAKES NO WARRANTY OR GUARANTEE, EXPRESS OR IMPLIED, (i) THAT THE RESULTS DESCRIBED HEREIN WILL BE OBTAINED UNDER END-USE CONDITIONS, OR (ii) AS TO THE EFFECTIVENESS OR SAFETY OF ANY DESIGN INCORPORATING ITS PRODUCTS, MATERIALS, SERVICES, RECOMMENDATIONS OR ADVICE. EXCEPT AS PROVIDED IN SUPPLIER'S STANDARD CONDITIONS OF SALE, SUPPLIER AND ITS REPRESENTATIVES SHALL IN NO EVENT BE RESPONSIBLE FOR ANY LOSS RESULTING FROM ANY USE OF ITS MATERIALS, PRODUCTS OR SERVICES DESCRIBED HEREIN. Each user bears full responsibility for making its own determination as to the suitability of Supplier's materials, services, recommendations, or advice for its own particular use. Each user must identify and perform all tests and analyses necessary to assure that its finished parts incorporating Supplier's products, materials, or services will be safe and suitable for use under end-use conditions. Nothing in this or any other document, nor any oral recommendation or advice, shall be deemed to alter, vary, supersede, or waive any provision of Supplier's standard Conditions of Sale or this Disclaimer, unless any such modification is specifically agreed to in a writing signed by Supplier. No statement contained herein concerning a possible or suggested use of any material, product, service or design is intended, or should be construed, to grant any license under any patent or other intellectual property right of Supplier covering such use or design, or as a recommendation for the use of such material, product, service or design in the infringement of any patent or other intellectual property right.

***Niax, Momenive and the Momenive logo are trademarks of Momenive Performance Materials Inc.**



260 Hudson River Road Waterford,
NY 12188 USA
momenive.com

Copyright 2020 Momenive Performance Materials Inc. All rights reserved.