

# ABRASION RESISTANCE & SLIP ADDITIVES FOR WATER-BASED TOPCOATS IN LEATHER & TEXTILE

## LEATHER & TEXTILE SOLUTIONS

**Indusil™ 2670** and **Indusil™ 2734** are both concentrated emulsions, with a 60% active content of an ultra-high molecular weight functional silicone, which can be used as an additive in water-based leather and textile topcoats to enhance surface properties. The high molecular weight silicone emulsion imparts **slip abrasion resistance, scratch resistance, and anti-blocking in water-based topcoats**. Indusil™ 2670 silicone emulsion is formulated with a nonionic surfactant system, the Indusil™ 2734 silicone emulsion with a nonionic/anionic surfactant system.

## KEY FEATURES & TYPICAL BENEFITS

- Excellent compatibility in multiple formulations, including water-based polyurethane and acrylic based topcoats
- Easy to incorporate and disperse into formulation
- Good slip, abrasion, scuff, scratch, mar resistance, and anti-blocking
- Imparts very low Coefficient of Friction
- Effective at very low addition levels
- No negative impact on water resistance
- Novel surfactant technology delivers high molecular weight silicone into water-based systems
- Good cost-in-use performance
- Solvent free



## PRODUCT CONSIDERATIONS

The following table is a summary of the usage considerations for Indusil™ 2670 and Indusil™ 2734 silicone emulsions. They are based on internal application testing and have to be used as a guide. We recommend that these products are tested prior to use to determine the best selection.



## PRODUCT AND USAGE CONSIDERATIONS

Additive	Surfactant Type	Solids (%) (105 °C, 3 hrs.)	Viscosity (B'kfield LV Spl.2 @ 6 rpm, 25 °C)	Particle Size (µm)	Potential Applications & Typical Benefits
<b>INDUSIL™ 2670</b>	Nonionic	62-67 %	1,000-3,000 cP	4.00-5.80 µm	Additive for use in water-based topcoats for leather, artificial leather, and technical textiles. Reduces the coefficient of friction, provides anti-blocking, and improves anti-mar properties. Aids wetting, flow, and levelling characteristics of topcoats.
<b>INDUSIL™ 2734</b>	Nonionic/ Anionic	64-70 %	2,000-6,000 cP	4.00-6.00 µm	Additive for use in water-based topcoats with anionic characteristics for: leather, artificial leather, and technical textiles. Reduces the coefficient of friction. Provides anti-blocking and improves anti-mar properties. Aids wetting, flow, and levelling characteristics of topcoats.

## GENERAL INSTRUCTIONS FOR USE

Indusil™ 2670 and Indusil™ 2734 are silicone based products that can be added at any stage with sufficient mixing. Recommended starting point usage level is between 1 to 10 wt% based on total formulation weight.

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. 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.

BEFORE HANDLING ANY PRODUCTS MENTIONED, 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 MAINTAINS AN AROUND-THE-CLOCK EMERGENCY SERVICE FOR ITS PRODUCTS. SDS FOR MOMENTIVE PRODUCTS ARE AVAILABLE AT WWW.MOMENTIVE.COM OR, UPON REQUEST, FROM ANY MOMENTIVE REPRESENTATIVE. USE OF OTHER MATERIALS IN CONJUNCTION WITH MOMENTIVE PRODUCTS MAY REQUIRE ADDITIONAL PRECAUTIONS. PLEASE REVIEW AND FOLLOW THE SAFETY INFORMATION PROVIDED BY THE MANUFACTURER OF SUCH OTHER MATERIALS.

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. 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.

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.

The use of the "™" symbol designates registered or unregistered trademarks of Momentive Performance Materials Inc. or its affiliated companies.

Momentive and the Momentive logo are registered trademarks of Momentive Performance Materials Inc.

Copyright 2023 Momentive Performance Materials Inc. All rights reserved.

## CONTACT INFORMATION

For product prices, availability, or order placement, contact our customer service by visiting

[www.momentive.com](http://www.momentive.com)

or emailing

[commercial.services@momentive.com](mailto:commercial.services@momentive.com)

**MOMENTIVE®**  
SOLUTIONS FOR A SUSTAINABLE WORLD™