

## Indusil™ 140 Silicone

### Product Description

Indusil 140 silicone is an aqueous solution of a silicone polymer modified with organic groups. At temperatures below its cloud point, Indusil 140 is completely soluble in water, can stabilize the latex emulsions. At temperatures above its cloud point, it can help speed up the coagulation of the latex emulsions. Indusil 140 silicone is an excellent candidate for use as a heat sensitive coagulant for natural rubber latex and synthetic rubber latex.

### Key Features and Typical Benefits

- Generally, prolongs the pot life of latex compound after mixing
- Offers narrow coagulation range of temperature to form gel
- Can help improve the formation of films from latexes and speed the drying process by improving wetting
- Can help form films without defects (pinholes, fisheyes)
- Offers release properties
- Because of its highly hydrophilic nature, it typically dissipates static electricity
- Frequently effective at low concentration
- More difficult to be detected by IR in the final item

### Typical Physical Properties

Appearance	Light yellow
Viscosity (25°C), mm <sup>2</sup> /S {cSt}	100 {100}
Specific gravity (25°C)	1.04
Non-volatile contents, %	33
Clouding point, °C	38
Diluent	Water

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

### Potential Applications

- Aid for the coagulation process of various latexes, e.g., natural rubber latex, PU dispersions, NBR latex, SBR latex and others
- Aid to stabilize latexes
- Aid to control foam, minimize defects and increase production speed in gloves manufacture
- Aid to improve the speed of production in the coagulation process of carpet backing
- Heat sensitive coagulant for textile, paper use latex

### General Considerations for Use

Indusil 140 silicone can be used as is or after dilution with water. Typical dosage levels are 0.1- 1.0 phr. The required dosage may vary over a wide range depending on the nature of the latex, the severity of service or working condition and the desired effect needed. Actual dosage levels need to be determined by the end-user in suitable lab tests. Indusil 140 silicone should be added to the latex and not to the coagulant bath.

### 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](http://www.momentive.com) or, upon request, from any MPM representative. For product storage and 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.

## Customer Service Centers

For additional information, please contact our Customer Service Team

<b>AMERICAS</b>	+1 800 295 2392 Toll Free* +704 805 6946 Direct Number
<b>LATIN AMERICA</b>	<b>BRAZIL</b> +55 11 4534 9650 Direct Number <b>MEXICO</b> +52 55 2169 7670 Direct Number *All American countries
<b>EMEI – EUROPE, MIDDLE EAST, AFRICA &amp; INDIA</b>	<b>EUROPE</b> +39 051 0924300 Direct Number <b>INDIA, MIDDLE EAST &amp; AFRICA</b> +91 44 71212207 Direct Number* *All Middle Eastern countries, Africa, India, Pakistan, Bangladesh, Sri Lanka
<b>ASIA PACIFIC</b>	<b>CHINA</b> 800 820 0202 Toll Free +86 21 3860 4892 Direct Number <b>JAPAN</b> +81 3 5544 311 Direct Number <b>KOREA</b> +82 2 6201 4600 Direct Number <b>SOUTHEAST ASIA, AUSTRALIA &amp; NEW ZEALAND</b> +60 3 9206 1543 Direct Number* *All East Asia countries (Malaysia, Singapore, Thailand, Indonesia, Vietnam, Philippines, Cambodia, Myanmar / other countries located in Pacific region)
<b>Visit us at <a href="http://www.momentive.com">www.momentive.com</a></b>	

**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 DESCRIBE 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.

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 2022 Momentive Performance Materials Inc. All rights reserved.

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



260 Hudson River Road  
Waterford, NY 12188 USA  
[momentive.com](http://momentive.com)

Current as of 2022-08-31 Printed in U.S.A.