

Indusil™ 89/175 Emulsion

Product Description

Indusil 89/175 is an emulsion containing a reactive silicone polymer.

Key Features and Typical Benefits

- Reactive silicone in emulsion form
- Formulation flexibility by the use of catalyst
- Produces a flexible water-repellent film

Typical Physical Properties

Appearance	White, mobile liquid
Specific Gravity at 25 °C	1.0
Active Content, %	50

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

Storage and Shelf Life

The product should be stored below 32 °C and not be allowed to freeze. Shelf life of the unopened container is 12 months from date of manufacture. If you wish to use the product after this time, please contact us for approval.

Packs of 25 kg or above will be supplied with vented bungs to allow the slow release of any evolved hydrogen. The bungs should be loosened carefully on opening to allow release of any pressure. The product should be used in a well-ventilated area.

Packs of less than 25 kg are usually supplied without a vented bung. In this case the bung/cap must be loosened carefully on receipt to allow release of any pressure. For storage, the bung/cap must be vented and replaced to allow the release of hydrogen.

How to deal with products that produce hydrogen gas (SiH products) is described in detail in the document 'Safe Handling of SiH Emulsions'.

The receipt of unvented containers or contact with samples is described in the document 'SiH Containing Emulsions Sample Despatch and Receipt'. See our health and safety sheet for more information.

Potential Applications

Indusil 89/175 emulsion is designed for treating fibres and other substrates where water-repellent properties need improving. Examples are textiles, insulating materials, and powders.

General Considerations for Use

Indusil 89/175 emulsion can be diluted with water before use. This product and its dilutions will slowly evolve hydrogen gas. Care should be taken so that the pH remains acidic, as alkaline pH will lead to increased evolution of hydrogen gas. This product can exhibit slight creaming (migration of active content to the top of container/vessel) after long periods of standing. It can be re-homogenised through gentle stirring/agitation.

Toxicity

Indusil 89/175 emulsion is basically non-hazardous with a very low order of toxicity, although prolonged contact with the skin or contact with the eyes may cause some irritation.

Technical Service

Our technical and sales staff have considerable experience with the use of silicone products in a wide variety of industries and the benefit of this experience is freely available to all our customers.

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 handling procedures to maintain the product quality within our stated specifications, please review Certificates of Analysis, which are available in MyMomentive™ Order Management Site. 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

AMERICAS	+1 800 295 2392 Toll Free* +704 805 6946 Direct Number
LATIN AMERICA	BRAZIL +55 11 4534 9650 Direct Number MEXICO +52 55 2169 7670 Direct Number *All American countries
EMEI - EUROPE, MIDDLE EAST, AFRICA & INDIA	EUROPE +39 0875 758888 Direct Number INDIA, MIDDLE EAST & AFRICA +91 44 71212207 Direct Number* *All Middle Eastern countries, Africa, India, Pakistan, Bangladesh, Sri Lanka
ASIA PACIFIC	CHINA 800 820 0202 Toll Free +86 21 3860 4892 Direct Number JAPAN Sales-JP.Silicones@momentive.com KOREA +82 2 6201 4600 Direct Number SOUTH EAST ASIA, AUSTRALIA & NEW ZEALAND +60 3 9206 1543 Direct Number* *All East Asia countries (Malaysia, Singapore, Thailand, Indonesia, Vietnam, Philippines, Cambodia, Myanmar / other countries located in Pacific region)
Visit us 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.

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.

Indusil™ is a trademark of Momentive Performance Materials, Inc.

Copyright 2024 Momentive Performance Materials, Inc. All rights reserved.



2750 Balltown Road
Niskayuna, NY 12309
momentive.com