

Indusil™ SQX3 Silicone

Description

Indusil SQX3 silicone is an emulsion of silicone material for use as a component in water-based polyurethane mold release formulations.

Key Features and Typical Benefits

- Excellent film former for uniform release properties throughout the mold
- Compatibility with some paints and varnishes enabling paint-over of certain articles
- Highly effective with virtually all types of substrates and at low concentrations
- Increased durability of the release effect
- Easy to formulate in water-based formulations

Typical Physical Properties

| Properties | Unit | Value |
|----------------|-------------------|------------------------|
| Appearance | - | White, odorless liquid |
| Active Content | % | 35 |
| Density | g/cm ³ | 1.025 |
| Diluent | | Water |
| Flash Point | °C | >100 |

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

Potential Applications

- Component of water-based polyurethane mold release formulations

- Component in release formulations for virtually all types of substrates, especially those that need good film formation such as tires, bladders and metal die castings

General Considerations for Use

Typical concentrations of Indusil SQX3 silicone in the final formulation range from 5 to 20% depending on the effect to be achieved.

Indusil SQX3 silicone can be diluted with water to almost any concentration. For diluted product that is intended to be kept for more than a few days, use of a biocide, such as glutaraldehyde, can be used to help ensure sterility.

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 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 | Latin America | EMEAI- Europe, Middle East, Africa & India | ASIA PACIFIC |
|-------------------------------|--|--|--|
| +1 800 295 2392 Toll free* | Brazil +55 11 4534 9650 Direct Number | Europe +390510924300 Direct number | China 800 820 0202 Toll free +86 21 3860 4892 Direct number |
| *All American countries | Mexico +52 55 2169 7670 Direct Number | India, Middle East & Africa + 91 44 71212207 Direct number* | Japan +81 3 5544 3111 Direct number |
| | | *All Middle Eastern countries, Africa, India, | Korea +82 2 6201 4600 |

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