

Indusil™ SQX8 Silicone

Product Description

Indusil SQX8 silicone is a colloidal dispersion of a silicate type material in polydimethylsiloxane, used as a component in polyurethane mold release formulations as well as in general release applications that require excellent mold film formation.

Key Features and Typical Benefits

- Excellent film former for uniform release properties throughout the mold
- Increased durability of the release effect
- Highly effective with virtually all types of substrates
- Effective at low concentrations
- Easy to formulate
- Good heat resistance
- Soluble in a variety of solvents and in a number of silicone oils

Typical Physical Properties

Appearance		Colorless liquid
Viscosity (25°C / 77 °F)	cSt	2000
Density (25 °C / 77 °F)	g.cm ⁻³	1.01
Active Content	%	100
Flash Point (ASTM D93)	°C / °F	149/300

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

Potential Applications

- Component of polyurethane mold release formulations
- Component in release formulations for virtually all types of substrates, especially those that need good film formation such as tires and bladders, and metal dies such as aluminum die casting and others

General Considerations for Use

Typical concentrations of Indusil SQX8 silicone in the final formulation range from 2 to 10% depending on the effect to be achieved. Indusil SQX8 silicone is soluble in aliphatic and aromatic solvents and in polydimethylsiloxanes. It is not soluble in water, in certain mineral oils or in certain organic waxes. It is best first diluted in an appropriate solvent to the desired concentration prior to introduction into the finished release formulation.

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.

Customer Service Centers

For additional information, please contact our Customer Service Team

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