

Indusil™ SQX2 Silicone

Description

Indusil SQX2 silicone is a solution of silicate material in an aromatic solvent for use as a component in polyurethane mold release formulations or as a surfactant to help stabilize PVC plastisol foam.

Key Features and Typical Benefits

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

Typical Physical Properties

Properties	Unit	Value
Appearance	-	Colorless liquid
Active Content	%	28 - 30
Density	g/cm ³	1.086
Solvent		Aromatic hydrocarbon mixture
Flash Point	°C	35

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, bladders and metal diecastings
- Component of PVC plastisol foaming formulations

General Considerations for Use

Typical concentrations of Indusil SQX2 silicone in the final formulation range from 2 to 10% depending on the desired effect to be achieved.

Indusil SQX2 silicone is soluble in aliphatic and aromatic solvents and in polydimethylsiloxanes. It is not soluble in water, certain mineral oils or certain organic waxes.

For best results, dilute the product with an appropriate solvent to the desired concentration prior to introduction to the finished release formulation.

The ability of Indusil SQX2 silicone to stabilize plastisol foams is related to its solubility in the plasticizer. Therefore the interaction between Indusil SQX2 silicone and the plasticizer at different concentrations should be investigated to determine the effect on foam density and foam stability.

Patent Status

여기에 포함된 어떠한 내용도 관련 특허가 없음을 의미하거나 특허 소유자의 허가 없이 특허에서 다루는 발명을 실행하기 위한 허가, 유도 또는 권고를 구성하는 것으로 해석되어서는 안됩니다.

Product Safety, Handling and Storage

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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* +704 805 6946 Direct Number	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 *All Middle Eastern countries, Africa, India,	Japan +81 3 5544 3111 Direct number Korea +82 2 6201 4600

For literature and technical assistance, visit our website at: www.momentive.com

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