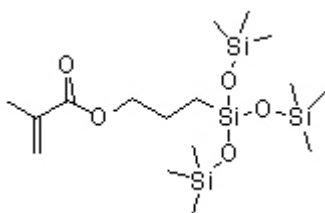


OphthaSil 401 Silicone Fluid

OphthaSil* 401 silicone fluid

Description

OphthaSil* 401 silicone fluid is a high purity 3-methacryloxypropyltris(trimethylsiloxy) silane (TRIS). Adding **OphthaSil 401** silicone monomer to the contact lens formulation may increase oxygen permeability of the lens.



Key Features and Typical Benefits

- High purity
- High oxygen permeability

Potential Applications

- Silicone hydrogel soft contact lens
- Rigid gas-permeable contact lens

Typical Properties

Typical Property	OphthaSil 401 Silicone Fluid	Method
Molecular Weight	422.81	-
Viscosity, 25C (cSt)	4.7	DIN 53015
Boiling Point, C/1mmHg	139	-
Refractive Index, 25C	1.417	DIN 51423

Specific Gravity @25C	0.930	DIN 51757
Purity %	>98	GC (internal method)
Dimer %	< 0.5	GC (internal method)
Volatiles %	≤0.5	GC (internal method)
Color APHA	≤ 10	DIN EN ISO 6271
Water %	≤ 0.5	Karl Fisher
Appearance	Clear, pale-yellow color; liquid	Visual

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

Availability

OphthaSil* 401 silicone fluid is available in 5kg pails

Shelf Life & Storage

When stored in an unopened container at 10 degrees Celsius or less, this product has a shelf life of one year. The warranted shelf life of the material is indicated by the “use before date” on the product certificate.

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 Material Safety Data Sheet (MSDS) 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. MSDS 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

For product prices, availability, or order placement, contact our customer service at [Momentive.com/Customerservice/](https://www.momentive.com/Customerservice/)

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

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