

Siloxanes

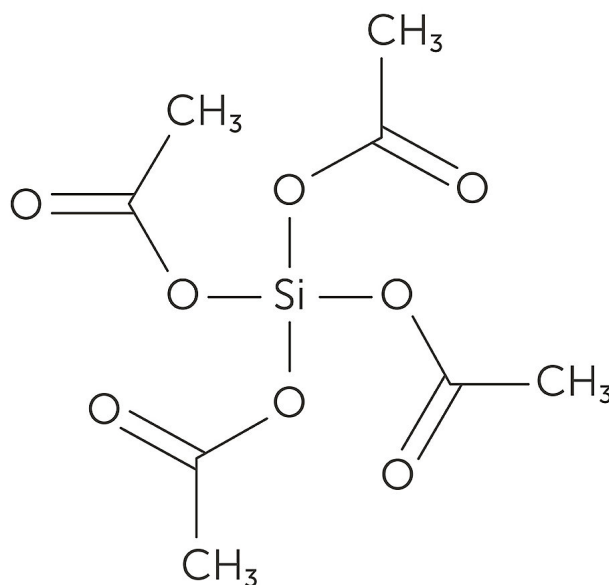
Offer low thermal conductivity and high flexibility in medical device, industrial, and commercial applications

As a leader in specialty chemicals and advanced materials for the microelectronics, life sciences, and other high-tech industries, we can accelerate your new product development efforts and manufacturing supply chain by providing critical materials at the appropriate scale, and within the communi-cated delivery schedule. Because of their hydrophobicity, low thermal conductivity, and high flexibility, our portfolio of siloxanes is used extensively in biomedical device applications and they are desirable as an intermediate or raw material in many industrial applications. They are also used as ingredients in cosmetics and personal care products, water repellent coatings, and plastics, and serve as the chemical building blocks of siloxane oils and silicone-based rubbers.

Our experienced R&D teams provide deep chemistry expertise in an innovative culture to deliver custom synthesis solutions that meet your proprietary development needs. With our extensive manufacturing capabilities, we can handle a range of projects from grams to metric ton quantities, through scale-up and full commercialization. We also provide chemical process development, piloting, and custom chemical manufacturing.

APPLICATIONS

- Medical implantable devices
- Intraocular lenses in eye care
- Wound care devices and adhesives
- Analytical R&D
- Chemical manufacturing



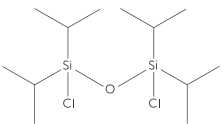
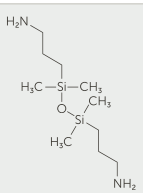
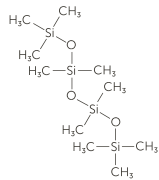
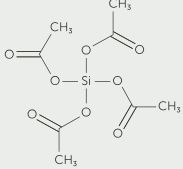
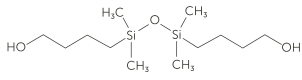
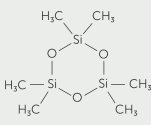
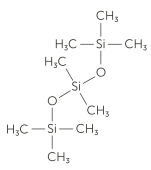
FEATURES & BENEFITS

Low thermal conductivity and high flexibility	Enable use in a variety of medical, industrial, and commercial applications
Environmentally friendly	Provides versatility in medical, eye, and wound care products, as well as numerous industrial and chemical manufacturing applications
Customer collaboration	Proactive and regular team communication and encouraged site visits enable beneficial idea exchange and enhance on-track progress
Advanced scientific expertise	Technical transfers, R&D, scale-up optimization, and continuous improvement are conducted by PhD chemist-led teams that are supported by world-class quality and analytical resources
ISO 9001 certification	The Entegris quality management system (QMS) certified by the ISO 9001 standard ensures provision of consistent quality products meeting customer regulatory requirements

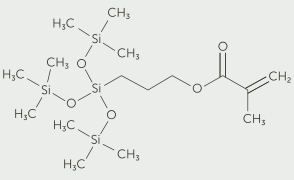
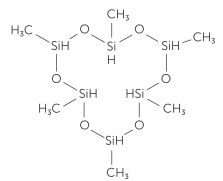
SPECIFICATIONS

Our products are made to strict specifications and our experienced R&D teams can partner with you to meet your proprietary development needs. With our manufacturing capabilities and resources, we can deliver on communicated timing requirements as well as high-quality customized solutions. [Contact us](#) with your specifications.

Product Portfolio

Catalog #	CAS #	Product	Structure
DIC0747	69304-37-6	1,3-Dichloro-1,1,3,3-tetraisopropyldisiloxane	
S1032	2469-55-8	1,3-Bis(3-aminopropyl)tetramethyldisiloxane	
S1101	141-62-8	Decamethyltetrasiloxane	
S1250	562-90-3	Silicon tetraacetate	
S1445	5931-17-9	1,3-Bis(4-hydroxybutyl)tetramethyldisiloxane	
S1495-HP	541-05-9	Hexamethylcyclotrisiloxane	
S1515	107-51-7	Octamethyltrisiloxane	

SPECIFICATIONS

Catalog #	CAS #	Product	Structure
S1713	17096-07-0	3-Methacryloxypropyltris(trimethylsiloxy)silane	 <p>The structure shows a central silicon atom bonded to three methyl groups and an oxygen atom. This oxygen atom is part of a propyl chain that ends in a methacrylate group. The silicon atom is also bonded to three other oxygen atoms, each of which is bonded to a silicon atom with three methyl groups, forming a trimethylsilyloxy group.</p>
S2304	6166-87-6	2,4,6,8,10,12-Hexamethylcyclohexasiloxane	 <p>The structure shows a six-membered ring of silicon and oxygen atoms. Each silicon atom in the ring is bonded to two methyl groups and one hydrogen atom. The oxygen atoms are also bonded to methyl groups.</p>
S2616	70877-62-2	PDMS-25 dimethacrylate	

FOR MORE INFORMATION

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