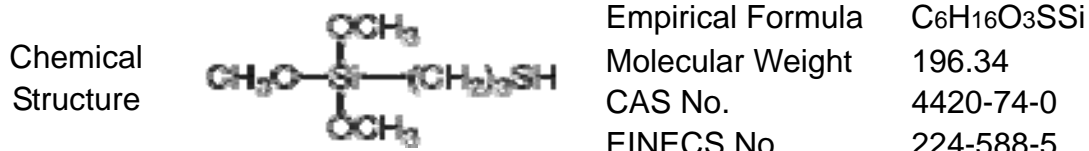


Organosilane S301

Product Description

Chemical Name: *gamma-Mercaptopropyltrimethoxysilane (MPTMS)*

Synonym: 3-Mercaptopropyltrimethoxysilane; 3-Trimethoxysilylpropane-1-thiol



Typical Physical Properties:

Appearance	Colorless or slight yellowish liquid
Specific Gravity, (25/25°C)	1.057
Refractive Index, n _D (25°C)	1.440
Flash Point*	88°C (190°F)
Boiling Point, (760 mm Hg)	212°C (414°F)

* Determined by ASTM Method D 93 using the Pensky-Martens closed cup.

Commodity Specification

Appearance	Colorless or slight yellowish liquid
Color (APHA)	40 max
Content, (by GC)	98% min
Specific Gravity, (25/25°C)	1.030—1.060
Refractive Index, n _D (25°C)	1.4390—1.4440

Application Direction

General Information: It is a mercapto-functional silane that possessing a reactive organic mercapto and a hydrolyzable inorganic methoxysilyl group. Use as a coupling agent in polysulfide and polyurethane caulks and sealants. It is especially useful in sulfur-cured and metal oxide-cured elastomers. Acts as an adhesion promoter, crosslinking agent, surface modifier or reactive reagent.

Suitable Polymers: Polysulfide, Polyolefin, Polybutadiene, Polyurethane, Polyethylene, Butyl, Epoxy, Phenolic, etc.

Packing & Storage

Normally packed in 200 kg net drums UN approved, sea-worthy for exporting
Stored in cool and dry air-flowing area preventing sunlight

Safety Materials

Material Safety Data Sheet (MSDS) is available separately

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. ONICHEM shall not be held liable for any damage resulting from the use of the above product. The users are suggested to select the suitability of the products and methods of application.