

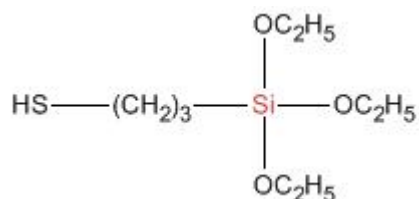


3-mercaptopropyl triethoxysilane

RK-G1891

Product description

Structural formula:



Molecular formula: C₉H₂₂O₃SSi

Molecular weight: 238.42

CAS No. : 14814-09-6

Chemical name: 3-mercaptopropyl triethoxysilane

peculiarity

RK-G1891 It is an organosilane with an organic sulfhydryl group and a hydrolyzable inorganic ethoxysilyl bifunction group. It is a colorless transparent liquid with a slight odor of mercaptan, soluble alcohols, ketones, aliphatic or aromatic hydrocarbons.

Physical and chemical data

nature	Numerical value
appearance	Colorless transparent liquid
purity	≥98.0%
Density 20°Cg/ml	0.9800-0.9900
Boiling point 760mmHg	242±13°C
Closed cup flash point	88°C

Tianjin Ruike Chemical Co. LTD

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Refractive index 25°C	1.4370-1.4470
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Note: The above data is for reference only and cannot be used as technical specifications

Product application

- 3-mercaptopropyl triethoxysilane has a sulfhydryl functional group, which has a special effect as an anti-rust agent on metal surfaces. By treating gold, silver, copper and other metal surfaces with it, the corrosion resistance and oxidation resistance of the surface can be enhanced, and the adhesion with resins and other polymers can be increased.
- In the rubber industry, it is often used to treat inorganic fillers such as white carbon black, carbon black, glass fiber and mica, which can effectively improve the mechanical properties and wear resistance of rubber.
- In textile, it can be used for anti-shrink finishing of fabrics

Product security, handling and storage

The container should be sealed after opening to prevent water vapor from entering and producing hydrolysis.

Stored in the original unopened container at room temperature, this product has a shelf life of one year from the date of production. After passing the test, the buyer will decide whether to continue to use the expired product.

Note: The Company is only responsible for the sales specifications of the products at the time of shipment, and shall not be liable for any indirect

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or incidental damages.

Packing :5L, 10L, 25L, 200L, 1000L

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