

# Silane USi- 5302

Methacrylate functional alkoxy silane

## Product Description

Chemical Name:

gamma-Mercaptopropyltriethoxysilane

Synonyms:

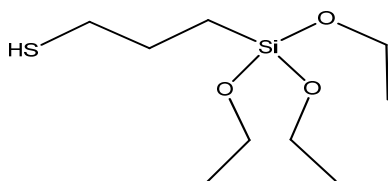
3-Triethoxysilyl-1-propanethiol;

gamma-Mercaptopropyl triethoxy silane

CAS NO.: 14814-09-6

EINECS No.: 238-883-1

Chemical structure:



- Enhances properties in mineral-reinforced articles such as shoe soles, rubber goods.
- Suitable for use in polymer such as Butyl, Epoxy, Neoprene, Nitrile, Phenolic, Polysulfide, Polyurethane, Styrene Butadiene.

## Applications

Silane USi-5302 is a new type of coupling agent

Which can be used in application including:

- Mercaptopropyltriethoxysilane can improve the adhesion of polysulfide and polyurethane sealants to glass and metal surfaces.
- Improves low-rolling resistance in silica-reinforced tire tread compounds.

## Typical Technical Data

The below values are not intended for use in preparing specifications. Please confirm with us prior to writing specifications on this product.

Appearance: Colorless transparent liquid

Specific Gravity ( $\rho_{20^{\circ}\text{C},\text{g}/\text{cm}^3}$ ): 0.988~0.998

Refractive Index ( $n_D^{25^{\circ}\text{C}}$ ): 1.4281~1.4381

Purity (by GC, %): 98.0 min

## **Safety & Storage**

Customers should review the latest MSDS and label for product safety information, safe handling instructions, personal protective equipment if necessary, and any special storage conditions required for safety. MSDS is available at [www.usi-chemical.com](http://www.usi-chemical.com) or upon request.

Store in a cool, dry place. Avoid light  
When stored at normal temperature in the original unopened containers, this product has a usable life of 12 months from the date of production.

## **Packaging**

In 25L pail, 200L drum and 1000L IBC

## **Contact Information**

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