

# SC-2320      Gamma-Mercaptopropylmethyldimethoxysilane

## PRODUCT DESCRIPTION

SC-2320 is a bifunctional organosilane possessing a reactive organic mercapto and two hydrolyzable inorganic methoxysilyl groups. SC-2300 is a clear, colorless to light yellow liquid with a slight mercaptan odor. It is soluble in alcohols, ketones and both aliphatic or aromatic hydrocarbons.

## TYPICAL FEATURES AND APPLICATIONS

SC-2320 silane can be used as coupling agent to improve the adhesion of sulfur cured elastomers (polysulfide, polyurethane sealants) to inorganic fillers (such as silica, clay, glass, mica and talc etc.), fiberglass and surfaces.

SC-2320 silane can be used to improve the properties of mineral filled elastomers, including modulus, tensile and tear strength, heat buildup, abrasion resistance, resilience, compression set and cure time.

### TYPICAL PRODUCT DATA

(not intended for use in preparing specifications)

<u>CAS#</u>	4420-74-0
<u>Formula:</u>	C <sub>6</sub> H <sub>16</sub> O <sub>2</sub> SSi
<u>Appearance:</u>	Colourless Transparent Liquid
<u>Refractive</u>	
<u>Index: @25°C</u>	1.4502
<u>Min Purity:</u>	0.98
<u>Density:</u>	1
(25°C)	
<u>Boiling:</u>	96°C [30mmHg]
<u>Flash:</u>	93°C

## INFORMATION FOR USE

SC-2320 can also be used as a pretreatment on minerals or the silane can be added at the time of compounding. SC-2320 can be used to improve low-rolling resistance in silica-reinforced tire tread compounds.

## SHELF LIFE AND STORAGE

In the unopened container shelf life is 12 months

Store product in a dry and cool place.

## AVAILABLE PACKAGING

SC-2320 is available in 200 kgs drums or 1000 kgs IBC container

### PRODUCT SAFETY INFORMATION

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEET AND CONTAINER LABELS FOR SAFE USE, PHYSICAL, ENVIRONMENTAL, AND HEALTH HAZARD INFORMATION.

### LIMITATIONS

Not intended for human injection. This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

### LIMITED WARRANTY INFORMATION – PLEASE READ CAREFULLY

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that our products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

SILSOURCE Inc.'s sole warranty is that the products will meet the sales specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted.

SILSOURCE INC. SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY.

DATE: 22-01-26      VERSION: 1.2