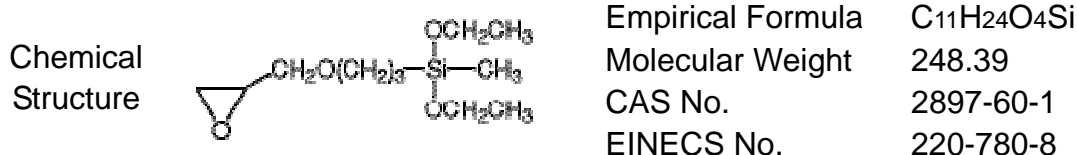


## Organosilane G312

### Product Description

Chemical Name: *gamma-Glycidoxypropylmethyldiethoxysilane*

Synonym: (3-(2,3-Epoxypropoxy)propyl) methyldiethoxysilane



### Typical Physical Properties:

Appearance	Colorless and transparent liquid
Specific Gravity, (25/25°C)	0.978
Refractive Index, (25°C)	1.4310
Boiling Point, (5 mm Hg)	124°C
Flash Point*	128°C

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

### Commodity Specification

Appearance	Colorless and transparent liquid
Content, (by GC)	97% min, 95% min (tech grade)
Specific Gravity, (25/25°C)	0.970—1.000
Refractive Index, (25 °C)	1.4260—1.4360

### Application Direction

General Information: It is a glycidoxy (epoxy) -functional silane that is used as a coupling agent for unsaturated polyester – fiberglass composites, for polysulfide and polyurethane caulks and sealants, for glass roving size-binders. It is also used as adhesion promoter in waterborne systems

### Packing & Storage

Normally packed in 200 kg net drums or 1,000kg net IBC, sea-worthy for exporting  
Stored in cool and dry air-flowing area preventing sunlight

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.