

## Bridge Chemical.

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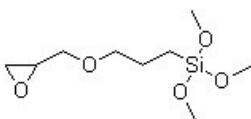
### Technical Data Sheet

Revision Date: 2023/1/1

**Product name: 3-Glycidoxypropyltrimethoxysilane**

**CAS NO.: 2530-83-8**

**Structural Formula:**



#### Property:

<b>Appearance</b>	It is a transparent and colorless liquid.		
<b>Dissolvability</b>	Be soluble in alcohol and acetone, and also be soluble in most of aliphatic esters in the case of normal usage under 5%.		
<b>Content</b>	$\geq 97\%$	<b>Boiling Point</b>	262°C
<b>Flash Point</b>	122°C	<b>Density 25°C</b>	1.065-1.075 g/cm <sup>3</sup>
<b>Refractive Index(nD20)</b>	1.065-1.075		

#### Application:

- Coupling agent for caulking glue or sealant of polysulfide, polyurethane,
- Adhesion promoter for epoxy resin, enhanced electrical properties of epoxy resin-based sealants, packaging materials, and printed circuit boards,
- Coupling agent for mineral filled thermoplastic or thermosetting resin, glass fiber adhesive, improving the adhesiveness between fillers or between resin and matrix.
- Coupling agent for enhancing electrical properties of composite materials of inorganic filling, such as nylon, polybutylene terephthalate.
- Filler's treatment agent, such as clay, talc, aedelforsite, silica, quartz, Al, Cu and Fe.

#### Packaging & Storage:

This product can be packaged in 25KG plastic drums or 200KG plastic drums or iron drums, and we can also provide other specifications of packaging according to your needs.

The product should be stored in a cool, ventilated and dry place away from light, moisture and fire. Ensure that the drum cover is well sealed and can effectively isolate the air. Moisture in the air will react with it quickly, leading to hydrolysis and polymerization.

**The storage period of the original packaging product is 1 year.**

#### **Consult TDS for additional information**

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