

### ChangFu® EPC833

8-Glycidyoxyoctyltriethoxysilane



**Description** ChangFu® EPC833 is a specialty long chain silane monomer with high functionality. It has better flexibility, reactivity, and compatibility properties than conventional silane coupling agents. Due to its specialty characteristics and unique properties, it is primarily employed in the synthesis of various polymers, including adhesives, coatings, and composites.

**Features & Benefits** Long chain epoxy functional silane.  
Performs well in microparticle surface modification.  
Excellent coupling agent and cross-linking agent.

**Applications** Used as a coupling agent and adhesion promoter in the preparation of coatings and sealants.  
Used in the synthesis of copolymers with unique solubility and thermal performance.  
Used for grafting and surface modification of silicone containing polymers.  
Used to produce acrylate resin to reduce the surface energy of resin.  
Used as a surface modifier of microparticles, glass fiber, and metals.

### Typical Properties

Description	8-Glycidyoxyoctyltriethoxysilane
Product No.	ChangFu® EPC833
CAS No.	1814903-73-5
Formula	C <sub>17</sub> H <sub>36</sub> O <sub>5</sub> Si
Purity	min 96%
Color	Colorless or light yellow
Appearance	Clear liquid

**Package** Offered in 25L pails and 200L drums.  
Custom packaging is available.

**Storage** Stored in a cool, well-ventilated place.  
Keep container tightly closed.

**Transportation** See the corresponding Safety Data Sheet.