

### ChangFu® EP22



### 3-Glycidoxypropyldimethoxymethylsilane

**Description** ChangFu® EP22 is an important silane coupling agent consisting of epoxy and dialkoxy functional groups. In the presence of water, it can undergo hydrolysis and form glycerin and silanol groups. Its unique properties enable it to perform as an excellent adhesion promoter and surface modifier in a wide range of applications.

**Features & Benefits** Epoxy functional silane.  
Highly reactive.  
Suitable for epoxy and UV curable formulations.

**Applications** Used as a coupling agent, adhesion promoter and surface modifier in the preparation of various polymers such as coatings and adhesives.  
Used as an important raw material to produce side chain epoxy modified silicone oil.  
Used to prepare corrosion-resistant protective coatings for metals.  
Used to improve the tensile strength, abrasion resistance, elongation, and other properties of textiles and fabrics.

### Typical Properties

Description	3-Glycidoxypropyldimethoxymethylsilane
Product No.	ChangFu® EP22
CAS No.	65799-47-5
Formula	C <sub>9</sub> H <sub>20</sub> O <sub>4</sub> Si
Purity	min 96%
Color	Colorless
Appearance	Clear liquid

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

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

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