

### ChangFu® MAC832



8-Methacryloxyoctyltrimethoxysilane

**Description** ChangFu® MAC832 is a highly functional silane with a hydrolysable methoxy group and a methacryloxy group. Compared with conventional silane coupling agents, this long chain methacrylate functional silane has better reactivity, flexibility, and compatibility. Its specialty structure makes it get the ability to improve transparency of reactant in resin preparation.

**Features & Benefits** Methacrylate functional silane.  
Excellent coupling agent and crosslinking agent for UV curable formulations.  
Performs well in microparticle surface modification.

**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 various substrates such as microparticles, glass fiber, artificial marbles.

### Typical Properties

Description	8-Methacryloxyoctyltrimethoxysilane
Product No.	ChangFu® MAC832
CAS No.	122749-49-9
Formula	C <sub>15</sub> H <sub>30</sub> O <sub>5</sub> Si
Purity	min 95%
Color	Colorless or light yellow
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.