

## ChangFu® MA32α

Methacryloxymethyltrimethoxysilane



**Description** ChangFu® MA32α is an alpha silane containing a methacryloxy group. It can improve strength of glass fiber composites and enhance the mechanical and electrical properties of many mineral-filled or reinforced composites. Adhesion and durability of paints and coatings, adhesives and sealants will be highly improved with the presence of ChangFu® MA32α.

**Features & Benefits** Methacrylate functional trialkoxy silane.  
Excellent coupling agent and adhesion promoter.  
Suitable for UV curable silicone polymers.  
Hydrolysis rate is faster than that of Methacryloxypropyltrimethoxysilane.

**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 microparticles.

### Typical Properties

Description	Methacryloxymethyltrimethoxysilane
Product No.	ChangFu® MA32α
CAS No.	54586-78-6
Formula	C <sub>8</sub> H <sub>16</sub> O <sub>5</sub> Si
Purity	min 97%
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.