

## ChangFu® MA34



3-Methacryloxypropyltris(trimethylsiloxy)silane

**Description** ChangFu® MA34 is a methacrylate functional silane with high reactivity. Upon the action of heat or initiator, it can be copolymerized with other monomers such as acrylic acid, methacrylic acid, vinyl acetate, styrene, and monomers containing unsaturated double bonds. Its unique physical and chemical properties make it an outstanding candidate for a variety of applications.

**Features & Benefits** High reactive multifunctional silane.  
Has low surface energy and good wettability.  
Suitable for high-speed UV cure systems.

**Applications** Used as a modifier in the preparation of silicone-based hydrogel contact lenses to improve oxygen permeability and optical transparency.  
Used in the synthesis of copolymers with unique solubility and thermal performance.  
Used to produce acrylate resin to reduce the surface energy of resin.  
Used for grafting and surface modification of silicone containing polymers.

### Typical Properties

Description	3-Methacryloxypropyltris(trimethylsiloxy)silane
Product No.	ChangFu® MA34
CAS No.	17096-07-0
Formula	C <sub>16</sub> H <sub>38</sub> O <sub>5</sub> Si <sub>4</sub>
Purity	min 96%
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.