

### ChangFu® MA24



3-Methacryloyloxypropylbis(trimethylsiloxy)methylsilane

**Description** ChangFu® MA24 is a methacrylate silane compound with hydrolyzable alkoxy groups. It has good reactivity and can polymerize readily under thermal or UV conditions. It can be copolymerized with other monomers such as acrylic acid, methacrylic acid, vinyl acetate, styrene and other monomers containing unsaturated double bonds.

**Features & Benefits** Silane monomer with methacrylate functional group.  
Reacts slowly with moisture/water.  
Highly reactive, can react with other organic compounds to form various siloxane polymers with specific properties.

**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 for grafting and surface modification of silicone containing polymers.  
Used to produce acrylate resin to reduce the surface energy of resin.

### Typical Properties

Description	3-Methacryloyloxypropylbis(trimethylsiloxy)methylsilane
Product No.	ChangFu® MA24
CAS No.	19309-90-1
Formula	C <sub>14</sub> H <sub>32</sub> O <sub>4</sub> Si <sub>3</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.