

# Technical Data Sheet

ChangFu® MA11

3-Methacryloxypropyltrimethylchlorosilane



**Description** ChangFu® MA11 is a methacrylate functional chlorosilane monomer. It combines methacrylate functionality and chlorosilane reactivity. Its structure makes it a high-reactivity hybrid crosslinker for advanced polymers.

**Features & Benefits** Rapid hydrolysis upon moisture exposure.  
Able to modify copolymer solubility and thermal stability.  
Initiator-driven copolymerization with monomers containing unsaturated double bonds.

**Applications** Used to synthesize various copolymers with styrene, acrylic acid, and methacrylate esters.  
Used as an auxiliary in surface engineering for grafts onto silicones.  
Used to produce low-surface-energy acrylate resin for optical materials & non-stick coatings.

## Typical Properties

Description	3-Methacryloxypropyltrimethylchlorosilane
Product No.	ChangFu® MA11
CAS No.	24636-31-5
Formula	C <sub>9</sub> H <sub>17</sub> ClO <sub>2</sub> Si
Effective Content	min 95%
Color	Colorless or light yellow
Appearance	Clear liquid

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

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

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