

# Technical Data Sheet

ChangFu® SH32 $\alpha$   
Mercaptomethyltrimethoxysilane



**Description** ChangFu® SH32 $\alpha$  is a specialty alpha silane monomer with a thiol group. It is far more reactive than conventional mercaptopropyl silanes. Its excellent properties make it an ideal solution in rubber reinforcement and surface modification.

**Features & Benefits** Enables faster and stronger bonding.  
Effective surface modifier for silica nanoparticles.  
Able to improve reinforcement of silica-filled rubber compounds.

**Applications** Used as a coupling agent and a surface modifier to produce filled elastomeric materials for rubber and tire, shoe soles, wires, and cables manufacturing.  
Used as a coupling agent and an adhesion promoter in coatings, adhesives, and sealants.  
Used as a modifier of silica nanoparticles and other inorganic fillers for advanced composites.

## Typical Properties

Description	Mercaptomethyltrimethoxysilane
Product No.	ChangFu® SH32 $\alpha$
CAS No.	30817-94-8
Formula	C <sub>4</sub> H <sub>12</sub> O <sub>3</sub> SSi
Purity	min 96%
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.