

ChangFu® SH22
3-Mercaptopropylmethyldimethoxysilane



Description	ChangFu® SH22 is a thiol-functional silane coupling agent. With its unique thiol-alkoxysilyl structure, it delivers stronger bonding, enhanced durability, and broader compatibility. These properties make it ideal for high-performance coatings and advanced composites.
Features & Benefits	Superior coupling agent and surface modifier. Able to react with unsaturated bonds. Effective for enhancing chemicals and physical properties of mineral filled elastomers.
Applications	Used as a raw material in the preparation of various silicone polymers, including mercapto functional modified silicone oil, UV curable resin and silicone rubber. 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 for the surface modification of various inorganic materials including silica nanoparticles, metals, and glass.

Typical Properties

Description	3-Mercaptopropylmethyldimethoxysilane
Product No.	ChangFu® SH22
CAS No.	31001-77-1
Formula	C ₆ H ₁₆ O ₂ SSi
Purity	min 98%
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.