

# Technical Data Sheet

ChangFu® VM12H

1,1,3,3-Tetramethyl-1-[2-(trimethoxysilyl)ethyl]disiloxane



**Description** ChangFu® VM12H is a hydrogen-containing siloxane. Its unique structure endows the product with excellent corrosion resistance, oxidation resistance, and weatherability, making it an ideal additive for preparing high-performance composite materials and functional coatings.

**Features & Benefits** High reactivity.  
Thermal stability and high insulation.  
Good biocompatibility and chemical stability.

**Applications** Used in the field of electronic packaging to improve the stability and reliability of electronic devices.  
Used in the preparation of polymer materials, such as modified silicone oil, silicone rubber, silicone resin, etc., to improve the performance of materials.  
Used as a coating additive to improve the waterproofness, weather resistance, wear resistance and adhesion of the coating.

## Typical Properties

Description	1,1,3,3-Tetramethyl-1-[2-(trimethoxysilyl)ethyl]disiloxane
Product No.	ChangFu® VM12H
CAS No.	137407-65-9
Formula	C <sub>9</sub> H <sub>26</sub> O <sub>4</sub> Si <sub>3</sub>
Purity	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 the container tightly closed.

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