

# Technical Data Sheet

ChangFu® VMC3  
1,3,5-Trivinyl-1,3,5-trimethylcyclotrisiloxane



**Description** ChangFu® VMC3 is a cyclosiloxane monomer containing three vinyl functional groups and three methyl groups. It is an important raw material for the synthesis of various organic silicon compounds including vinyl silicone fluids, silicone rubbers and silicone resins.

**Features & Benefits** Containing both vinyl and methyl groups.  
Low water solubility and low volatility.  
Good crosslinker with higher reactivity.  
Essential role in polymerization.

**Applications** Used as the basic material for the preparation of addition-cure liquid silicone rubber and vinyl silicone oil.  
Used as a coupling agent and a chemical intermediate with the properties of ring-opening polymerization of cyclic siloxanes.  
Used to produce flame-retardant silicone resin applied in semiconductor and electronics.

## Typical Properties

Product No.	ChangFu® VMC3
Description	1,3,5-Trivinyl-1,3,5-trimethylcyclotrisiloxane
CAS No.	3901-77-7
Formula	C <sub>9</sub> H <sub>18</sub> O <sub>3</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 container tightly closed.

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