

### ChangFu® TMAC

Trimethylsilyl acetate



**Description** ChangFu® TMAC has remarkable hydrolysis activity and reactivity, can hydrolyze without a catalyst, and reacts with a wide range of chemicals, including lower fatty alcohols, carboxylic acids, and halogenating agents. It is commonly employed in the production of silanols, neutralizers, and active hydroxyl scavengers, which can significantly improve product quality and stability.

**Features & Benefits** Its hydrolysis activity ranges between organic chlorosilane and organic alkoxy silane, and hydrolysis processes can take place at room temperature without the use of a catalyst.  
Easy to react with fatty alcohols to produce alkoxy silanes.  
Can react with carboxylic acids.  
Can react with halogenating agents (e.g., RCOCl, PBr, AgCl) to form organic halogen silanes.  
Can react with metal alkoxides to produce methylsilyl metal compounds.

**Applications** Used as a raw material for the preparation of silanols and siloxanes.  
Used in the manufacturing of silicone oil and silicone rubber as a neutralizing agent and an active hydroxyl scavenger.

### Typical Properties

Description	Trimethylsilyl acetate
Product No.	ChangFu® TMAC
CAS No.	2754-27-0
Formula	C <sub>5</sub> H <sub>12</sub> O <sub>2</sub> Si
Purity	min 97%
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.