

# Technical Data Sheet

ChangFu® NCO32 $\alpha$   
Isocyanatomethyltrimethoxysilane



**Description** ChangFu® NCO32 $\alpha$  is an alpha isocyanatomethyl silane that has higher reactivity than isocyanatopropyl silanes. It has the ability of coupling agents to promote adhesion between organic polymers and inorganic substrates. It also performs excellently in the surface modification and functionalization of various nanoparticles.

**Features & Benefits** Isocyanate silane with high reactivity.  
Excellent coupling agent and adhesion promoter.

**Applications** Used as a resin terminator and polymer modifier in the preparation of silane-terminated polymers and silyl-modified polyurethane polymers.  
Used as a coupling agent to promote adhesion and a surface modifier to improve fillers dispersion in coating and sealants.  
Used as a crosslinker of RTV and improve the bonding between rubber and substrates.

## Typical Properties

Description	Isocyanatomethyltrimethoxysilane
Product No.	ChangFu® NCO32 $\alpha$
CAS No.	78450-75-6
Formula	C <sub>5</sub> H <sub>11</sub> NO <sub>4</sub> Si
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.