

Technical Data Sheet

ChangFu® NCO33 α
Isocyanatomethyltriethoxysilane



Description ChangFu® NCO33 α is an alpha silane consisting of one isocyanato functional group, one methyl group and three ethoxy groups. Compared to conventional isocyanatopropyl silanes, it has much higher reactivities. Mainly serving as a coupling agent, it has been playing an essential role in surface modification and adhesion promotion.

Features & Benefits Isocyanate functional silane.
Highly reactive.
Excellent coupling agent and adhesion promoter.

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

Typical Properties

Description	Isocyanatomethyltriethoxysilane
Product No.	ChangFu® NCO33 α
CAS No.	132112-76-6
Formula	C ₈ H ₁₇ NO ₄ 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.