

ChangFu® NCO23



3-Isocyanatopropylmethyldiethoxysilane

Description	ChangFu® NCO23 is an isocyanate silane monomer with hydrolysable alkoxy groups. The structure makes it significantly useful for adhesion promotion and surface modification. Therefore, it has been employed as a silane coupling agent in the production of silicone-based polymers such as coatings and sealants.
Features & Benefits	Highly reactive functional silane. Excellent coupling agent and adhesion promoter for polymers and inorganic substrates. Especially workable for MS polymers formulation.
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	3-Isocyanatopropylmethyldiethoxysilane
Product No.	ChangFu® NCO23
CAS No.	33491-28-0
Formula	C ₉ H ₁₉ NO ₃ 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.