

Technical Data Sheet

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.