

## ChangFu® NCO22



3-Isocyanatopropylmethyldimethoxysilane

**Description** ChangFu® NCO22 is a bifunctional silane combined with isocyanate functionality and alkoxy groups. It combines the functionality of an isocyanate group and alkoxy groups. Its alkoxy groups can form a reactive silanol structure after hydrolysis, and then offer superior adhesion to a variety of inorganic materials.

**Features & Benefits** Bifunctional silane coupling agent.  
Highly reactive. Selectively suitable for moisture curing system.  
Coatings with improved anti-corrosion properties can be obtained.  
Significantly enhance the thermal stability for polyurethanes, amines, and epoxy.

**Applications** Used as a resin terminator and polymer modifier in the preparation of silane-terminated polymers (MS polymers) and silyl-modified polyurethane polymers (SPUR polymers).  
Used as a coupling agent to promote adhesion and a surface modifier to enhance fillers dispersion in coating and sealants.  
Used as a crosslinker of RTV and improve the bonding between rubber and substrates.  
Used in the synthesis of urea functional silanes and azide functional silanes.

### Typical Properties

Description	3-Isocyanatopropylmethyldimethoxysilane
Product No.	ChangFu® NCO22
CAS No.	26115-72-0
Formula	C <sub>7</sub> H <sub>15</sub> NO <sub>3</sub> Si
Purity	min 96%
Color	Colorless or light yellow
Appearance	Clear liquid

**Package** Offered in 25L PE pails and 200L PVF steel drums.  
Custom packaging is available.

**Storage** Stored in a cool, well-ventilated place.  
Keep container tightly closed.

**Transportation** See the corresponding Safety Data Sheet.