

### ChangFu® NCO33 3-Isocyanatopropyltriethoxysilane



<b>Description</b>	ChangFu® NCO33 is an isocyanate silane coupling agent with high functionalities. It combines the functionality of isocyanate group and ethoxy groups. In the presence of hydrolysable alkoxy groups, it can form a reactive silanol structure and enhance adhesion and durability in a variety of applications like paintings, coatings, sealants, and adhesives.
<b>Features &amp; Benefits</b>	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.
<b>Applications</b>	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-Isocyanatopropyltriethoxysilane
Product No.	ChangFu® NCO33
CAS No.	24801-88-5
Formula	C <sub>10</sub> H <sub>21</sub> NO <sub>4</sub> Si
Purity	min 97%
Color	Colorless or light yellow
Appearance	Clear liquid

<b>Package</b>	Offered in 25L pails and 200L drums. Custom packaging is available.
<b>Storage</b>	Stored in a cool, well-ventilated place. Keep container tightly closed.
<b>Transportation</b>	See the corresponding Safety Data Sheet.