

**ChangFu® NCO33α**  
**Isocyanatomethyltriethoxysilane**



|                                |   |
|--------------------------------|---|
| <b>Description</b>             | ChangFu® NCO33α 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.                       |
| <b>Features &amp; Benefits</b> | Isocyanate functional silane.<br>Highly reactive.<br>Excellent coupling agent and adhesion promoter.  |
| <b>Applications</b>            | Used as a coupling agent to promote adhesion and a surface modifier to improve fillers dispersion in coating and sealants.<br>Used as a resin terminator and polymer modifier in the preparation of silane-terminated polymers and silyl-modified polyurethane polymers.<br>Used as a crosslinker of RTV and improve the bonding between rubber and substrates. |

### Typical Properties

|             |   |
|-------------|---|
| Description | Isocyanatomethyltriethoxysilane                   |
| Product No. | ChangFu® NCO33α                                   |
| CAS No.     | 132112-76-6                                       |
| Formula     | C <sub>8</sub> H <sub>17</sub> NO <sub>4</sub> Si |
| Purity      | min 96%   |
| Color       | Colorless or light yellow                         |
| Appearance  | Clear liquid                                      |

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