

# Technical Data Sheet

ChangFu® CN33  
3-Cyanopropyltriethoxysilane



**Description** ChangFu® CN33 is a functional silane containing a polar cyano group and three hydrolysable ethoxy groups. Its unique structure enables strong covalent bonding across interfaces, enhancing adhesion, durability, and compatibility in composites.

**Features & Benefits** Specialty silane monomer with dual reactivity.  
Enhanced compatibility with polar resins in the presence of the cyano group.  
Able to improve durability in harsh environments.

**Applications** Used as a surface modifier and dispersing agent for nanoparticles and inorganic fillers.  
Used as a coupling agent for coatings and adhesives, enhancing the adhesion on glass, ceramics, and metals.  
Used as an intermediate to produce functional silanes, cyano silicone oils and silicone rubbers.

## Typical Properties

Description	3-Cyanopropyltriethoxysilane
Product No.	ChangFu® CN33
CAS No.	1067-47-6
Formula	C <sub>10</sub> H <sub>21</sub> NO <sub>3</sub> 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.