Technical Data Sheet

ChangFu® BN33

Bis[3-(triethoxysilyl)propyl]amine

Description	ChangFu® BN33 is a dipodal silane that consists of a secondary amine and six hydrolysable ethoxy groups. The chemical structure and unique properties make it serve as a better adhesion promoter and coupling agent than conventional silanes. Compared to 3-Aminopropyltriethoxysilane, ChangFu® BN33 performs better in moisture curable adhesives.
Features & Benefits	Non-functional dipodal silane with high reactivity. Able to increase durability and stability. Able to form up to 6 bonds to inorganic substrates. Better performance when used in combination with conventional silanes.
Applications	Used as a surface protection agent for metals such as steel, aluminum, to enhance corrosion resistance and improve adhesion strength. Used together with ChangFu® A32(3-Acryloxypropyltrimethoxysilane) in the synthesis of dental resin-based composites. Used to prepare hybrid silica membranes which show higher selectivity, improved thermal stability, and chlorine resistant performance.

Typical Properties

Description	Bis[3-(triethoxysilyl)propyl]amine
Product No.	ChangFu® BN33
CAS No.	13497-18-2
Formula	$C_{18}H_{43}NO_6Si_2$
Purity	min 95%
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.