

### ChangFu® BM33

Bis(triethoxysilyl)methane



**Description** ChangFu® BM33 is a non-functional dipodal silane with the chemical formula  $C_{11}H_{28}O_6Si_2$ . It is an alkoxy silane which can hydrolyze to form a hydrophobic siloxane network. Due to its better performance than conventional silane coupling agents, this silane has been a unique monomer utilized in a wide range of industries.

**Features & Benefits** Non-functional silane.  
Reacts slowly with moisture/water.  
Ability to crosslink with various materials.  
Able to enhance the bonding properties of polymers.  
Excellent surface modifier to improve thermal stability and corrosion resistance.

**Applications** Used as a coupling agent and adhesion promoter in the preparation of paints, coatings, sealants, and adhesives, especially suitable for sol-gel system.  
Used to prepare organic-inorganic hybrid silica membranes with effective separation performance.  
Used as a surface modifier for inorganic materials such as metal, glass, ceramics, and fillers.

### Typical Properties

Description	Bis(triethoxysilyl)methane
Product No.	ChangFu® BM33
CAS No.	18418-72-9
Formula	$C_{13}H_{32}O_6Si_2$
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.