

ChangFu® EP14 (3-Glycidoxypropyl)pentamethyldisiloxane



Description	ChangFu® EP14 is a silane coupling agent that contains both siloxane segments and epoxy reactive groups, enabling seamless bonding between organic polymers and inorganic materials. Its unique structure makes it an excellent resin modifier.
Features & Benefits	Epoxy functional silane. High reactivity. Able to improve the wettability and adhesion of composite.
Applications	Used in modified epoxy resin adhesives to improve the bonding strength of epoxy resin to various substrates such as metals, glass, and plastics. Used in sealants to enhance flexibility, sealing performance, and aging resistance of sealing materials. Used in coating additives to improve the leveling property, wettability, and adhesion of coatings, while enhancing the water resistance, corrosion resistance, and weather resistance of coatings.

Typical Properties

Description	(3-Glycidoxypropyl)pentamethyldisiloxane
Product No.	ChangFu® EP14
CAS No.	18044-44-5
Formula	C ₁₁ H ₂₆ O ₃ Si ₂
Purity	min 95%
Color	Colorless to 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.