

ChangFu® EPI2H
(3-Glycidoxypropyl)-1,1,3,3-tetramethyldisiloxane



Description	ChangFu® EPI2H is a bifunctional epoxy siloxane, composed of a tetramethyldisiloxane connecting a propyl chain and epoxy functional group, combining the stability of siloxane and the reaction activity of epoxy groups. It is commonly used in the surface modification of fields such as coatings, adhesives, and composite materials.
Features & Benefits	Highly reactive crosslinker. Excellent compatibility. Enhance material performance.
Applications	Used in coatings and adhesives to improve the adhesion, moisture resistance, and durability of the coating on substrates such as glass and metal. Used as a textile additive to endow textiles with softness, smoothness, wrinkle resistance, thus improving the quality and added value of textiles. Used as a key component in functional materials for fields such as electronic packaging and fuel cells to improve the chemical stability and mechanical strength.

Typical Properties

Description	(3-Glycidoxypropyl)-1,1,3,3-tetramethyldisiloxane
Product No.	ChangFu® EPI2H
CAS No.	17980-29-9
Formula	C ₁₀ H ₂₃ O ₃ Si ₂
Purity	min 95%
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.