

### ChangFu® EXC4

2,4,6,8-Tetramethyl-2,4,6,8-tetrakis[2-(3,4-epoxycyclohexyl)ethyl]cyclotetrasiloxane



**Description** ChangFu® EXC4 is a specialty cyclic siloxane featuring four reactive epoxy groups on its molecular backbone. This unique structure delivers superior crosslinking density while minimizing cure shrinkage, making it ideal for electronics and high-performance coatings.

**Features & Benefits** Enables high-density crosslinking networks.  
Reduces polymerization shrinkage and internal stress.  
Suitable for both UV and thermal curing systems.

**Applications** Used in electronics for chip bonding, circuit board protection, and electronic glues.  
Used in protective coatings for metal protection and improving scratch-resistance.  
Used in industrial adhesives and waterproof sealants.  
Used in plastics and composites, particularly suitable for 3D printing.  
Used in surface treatments for fiber coatings and nanomaterials.

### Typical Properties

Description	2,4,6,8-Tetramethyl-2,4,6,8-tetrakis[2-(3,4-epoxycyclohexyl)ethyl]cyclotetrasiloxane
Product No.	ChangFu® EXC4
CAS No.	121225-98-7
Formula	C <sub>36</sub> H <sub>64</sub> O <sub>8</sub> Si <sub>4</sub>
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.