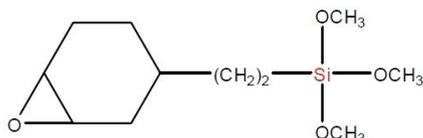


## SICOSIL® SICO-O186

## 2-(3,4-epoxycyclohexyl)ethyltrimethoxysilane

**Chemical structure:****Typical physical properties**

Product No.:	SICOSIL® SICO-O186
Chemical name:	2-(3,4-epoxycyclohexyl)ethyltrimethoxysilane
CAS No.:	3388-04-3
EINECS No.:	222-217-1
Formula:	C <sub>11</sub> H <sub>22</sub> O <sub>4</sub> Si
Appearance:	Colorless transparent liquid
Refractive index(n <sup>25</sup> D):	1.4430~1.4530
Purity:	98%

**Applications:**

SICOSIL® SICO-O186 is an essential ingredient in the products of many industries.

Examples are:

Glass fiber/glass fabric composites: As a finish or a size ingredient

Foundry resins: As an additive to polyurethane resins

Sealants and adhesives: As a primer or additive

Mineral filled composites: For pretreatment of fillers and pigments or as an additive to the polymer

Paints and coatings: As an additive and as a primer for improving adhesion to the substrate

Improved shelf life over aminosilanes in polyurethanes

Improved mechanical properties, such as flexural strength, tensile strength, impact strength and modulus of elasticity

Improved moisture and corrosion resistance

Improved electrical properties, for example dielectric constant, volume resistivity.

**Packing:**

210L Iron Drum: 200kg/drum

1000L IBC Container: 1000kg/container

**Sico Performance Material (Shandong) Co., Ltd**

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