

Silane USi-2H22

Epoxy functional organosilane

Product Description

Chemical Name:

2-(3, 4-Epoxycyclohexyl)ethyltriethoxysilane

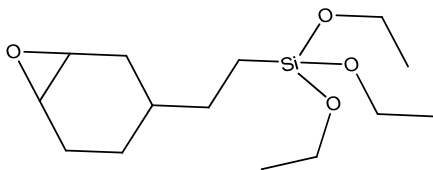
Synonyms:

Triethoxy[2-(7-oxabicyclo[4.1.0]hept-3-yl)ethyl]silane

CAS NO.: 10217-34-2

EINECS No.: N/A

Chemical structure:



- 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, especially glass and metal

Applications

Silane USi-2H22 is an essential bonding accelerator and promoter in below industries:

- 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

Typical Technical Data

The below values are not intended for use in preparing specifications. Please confirm with us prior to writing specifications on this product.

Appearance: Colorless transparent liquid
Specific Gravity ($\rho_{20^\circ\text{C}, \text{g/cm}^3}$): 1.060~1.070

Refractive Index ($n_D^{25^\circ\text{C}}$): 1.436~1.446

Purity (by GC, %): 97.0 min

Safety & Storage

Customers should review the latest MSDS and label for product safety information, safe handling instructions, personal protective equipment if necessary, and any special storage conditions required for safety. MSDS is available at www.usi-chemical.com or upon request.

Store in a cool, dry place. Avoid light
When stored at normal temperature in the original unopened containers, this product has a usable life of 12 months from the date of production.

Packaging

In 25L pail, 200L drum and 1000L IBC

Contact Information

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