

Silane USi- 6802

Alkyl functional organosilane

Product Description

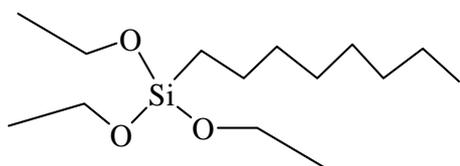
Chemical Name: N-Octyltriethoxysilane

Synonyms: Triethoxy octyl silane

CAS NO.: 2943-75-1

EINECS No.: 220-941-2

Chemical structure:



Applications

Silane USi-6802 is an essential alkyl silane in the below industry:

- Octyltriethoxysilane can be used as a surface modifier to generate hydrophobicity (e.g. on concrete, glass, inorganic pigment, or mineral fillers)
- When diluted with an appropriate solvent, it can be used in the formulation of water repellent products. Upon proper application, the formulated product will penetrate and provide water repellency by chemically reacting with the cementitious substrate. Treated substrates are hydrophobic and retain their original appearance.

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 ($\rho_{20^{\circ}\text{C}}$, g/cm³): 0.874~0.884

Refractive Index ($n_D^{25^{\circ}\text{C}}$): 1.416~1.418

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 below 25 °C in the original unopened containers, this product has a usable life of 12 months from the date of production.

Packaging

In 200L (net weight 180kg) drum and 1000L (net weight 880kg) IBC

Contact Information

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