

Silane USi-6040

Non-organoreactive alkoxy silane

Product Description

Chemical Name: Ethyl silicate

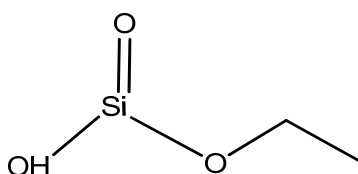
Synonyms: Tetraethyl orthosilicate

CAS NO.: 11099-06-2

EINECS No.: 234-324-0

Molecular Weight : 106.15

Chemical structure:



Applications

Silane USi-6040 is an essential silicate in industries as below:

- Used as binders in paints and coatings.
- Used as silicone room temperature vulcanizing cross-linking agents.
- Used as binders in precision castings.
- Used as binders in ceramic.

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

Chroma (APHA): 30 max

Specific Gravity ($\rho_{20^{\circ}\text{C}}$, g/cm³): 1.05-1.07

Silicon dioxide content (%): 40-42

Acidity(as HCl): 0.01 max

Alcohol (%): 2 max

Ethanol (%): 2 max

Others content (ppm): 0-5

Viscosity(cps, 20°C): 4-7

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.

Keep away from heat and open flame.

When stored at or below 35 °C 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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