

Silane USi-4VO

Vinyl functional alkoxy silane

Product Description

Chemical Name:

Vinyltris(methylethylketoxime)silane

Synonyms:

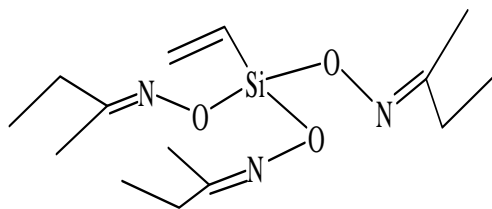
Tri(2-butanoneoxime)vinylsilane;

Vinyltris(2-butyldenaminooxy)silane

CAS NO.: 2224-33-1

EINECS No.: 218-747-8

Chemical structure:



- Used in combination with methyloxime silane. Compared to formulations based on methyloxime silanes only, the use of combinations containing methyl- and vinyloxime silanes leads to a shorter skin formation time of the silicone sealant without a reduction of the curing time. The ability of the sealant to withstand stress early, required for a certain elasticity and tear resistance, is achieved.

Applications

Silane USi-4VO is an essential coupling agent in industries as below:

- Vinyltris(methylethylketoxime)silane is widely used as a cross-linker /coupling agent / accelerator / promotor for RTV (Room Temperature Vulcanizing) silicone rubber and silicone sealant.
- Used as a neutral curing agent in silicone sealant formulations

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 to yellowish transparent liquid

Specific Gravity (p20°C,g/cm³): 0.970~1.010

Refractive Index ($n_D^{25\text{ }^\circ\text{C}}$): 1.4630~1.4640

Purity (by GC, %): 95.0 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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