

Silane USi-A103

Product Description

Chemical Name: Methyltriacetoxysilane

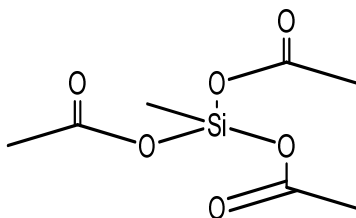
Synonyms: Methylsilanetriyl triacetate; MTAS

CAS NO.: 4253-34-3

Empirical formula: $\text{CH}_3\text{Si}(\text{OOCCH}_3)_3$

EINECS No.: 224-221-9

Chemical structure:



- USi-A103 is often the main crosslinker of choice for silicone sealants and can be used by itself or in combination with other acetoxysilane to provide the sealant with targeted properties (such as desired cure rate, adhesion, etc).

Applications

Silane USi-A103 is an essential silane which can be used in the below industry:

- USi-A103 is transported from the production site as the parent silane to formulators.
- Generally, USi-A103 is used as a cross-linker at 3% to 5%. As USi-A103 is compounded into a consumer or industrial sealant or adhesive, it reacts with the silicone. After curing the parent silane becomes cross-linked into the silicone rubber matrix and no longer exists, this greatly reduces the potential for consumer or worker exposure.

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:

Clear to yellowish transparent liquid

M.P. (°C): 40.5

Boiling point (17mm/Hg, °C) : 110~112

Density (g/ml, 25°C): 1.16 ~ 1.17

Refractive index (25°C): 1.4045 ~ 1.4055

Purity (by GC, %): 90.0 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 the sealed container and keep in a cool, dry place. Avoid light.

Packaging

In 25L (net weight 25kg) drum and
200L (net weight 230kg) IBC

Contact Information

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