

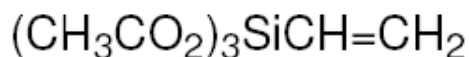
Organosilane VTA

Product Description

Chemical Name: Vinyltriacetoxysilane (VTAS)

Synonym: Triacetoxivinylsilane

Chemical Structure:

Empirical Formula C₈H₁₂O₆Si

Molecular Weight 232.26

CAS No. 4130-08-9

EINECS No. 223-943-1

Typical Physical Properties:

| | |
|---|--|
| Appearance | Colorless to slight yellowish transparent liquid |
| Specific Gravity, (25/25°C) | 1.165 |
| Refractive Index, n _D (25°C) | 1.4200 |
| Flash Point* | 88°C (190°F) |
| Boiling Point | 220°C (428°F) |

* Determined by ASTM Method D93 using the Pensky-Martens closed cup.

Commodity Specification

| | |
|-----------------------------|--|
| Appearance | Colorless to slight yellowish transparent liquid |
| Content, monomer (by GC) | 90% min |
| PH | 5—7 |
| HCl, mg/kg | 100 max |
| Specific Gravity, (25/25°C) | 1.150—1.170 |

Application Direction

General Information: Mainly used in acetoxy-crosslinking silicone sealants, in which it functions as a crosslinker and/or adhesion promoter. In addition, it is used in the production of surface modified fillers, as a water scavenger and as a primer component.

Packing & Storage

Normally packed in 200 kg net drums UN approved, sea-worthy for exporting.
Stored in cool and dry air-flowing area preventing sunlight.

Transportation Information:

UN No: 3265 Class: 3 Packing Group: III

Safety Materials

Material Safety Data Sheet (MSDS) is available separately.

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. ONICHEM shall not be held liable for any damage resulting from the use of the above product. The users are suggested to select the suitability of the products and methods of application.