



## Silane LS-AM31

### Description:

Chemical Name: (Methoxycarbonylaminomethyl)trimethoxysilane

Synonyms: Methyl n-(trimethoxysilylmethyl)carbamate; (Trimethoxysilylmethyl)carbamic acid methyl ester;

Equivalents: Geniosil XL 43; Geniosil XL 63;

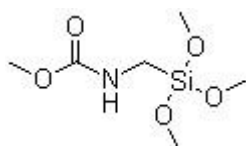
Molecular Formula:  $C_6H_{15}NO_5Si$

CAS NO.: 23432-64-6

Molecular Weight: 209.27

EINECS NO.: 449-370-9

Chemical Structure:



This compound is characterized by its high reactivity toward moisture, attributed to the structural proximity of the nitrogen atom to the silicon atom.

### Typical Technical Properties:

Appearance: Colorless clear liquid

Flash Point: 79°C

Refractive Index (25°C): 1.400~1.430

Boiling Point: 207°C

Purity(%): 97min

Density(25°C, g/cm<sup>3</sup>): 1.10-1.20

### Applications:

It functions as a water scavenger in the production of moisture-curing construction adhesives and joint sealants.

### Package &Storage:

In 25kg pail, 200kg drum, 1000kg IBC.

Keep in cool, dry and ventilated place. Keep away from sunlight and fire sources. Keep away from acid and alkali. Keep in unopened containers.

Storage beyond the shelf life does not necessarily mean that the product is no longer usable. In this case however, the properties required for the intended use must be checked for quality assurance reasons.