



Silane LS-D312

Description:

Chemical Name: 1,2-Bis(trimethoxysilyl)ethane

Synonyms: 3,3,6,6-Tetramethoxy-2,7-dioxa-3,6-disilaoctane

Equivalents:

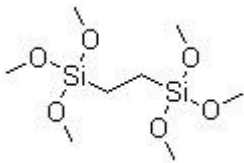
Molecular Formula: $C_8H_{22}O_6Si_2$

CAS NO.: 18406-41-2

Molecular Weight: 270.43

EINECS NO.: 242-285-6

Chemical Structure:



Typical Technical Properties:

Appearance: Colorless transparent liquid

Flash Point: 109 °C

Refractive Index (25°C): 1.4060 ± 0.0050

Boiling Point: 103 °C

Purity(%): 97min

Density(25°C, g/cm³): 1.066 ± 0.005

Applications:

D312 can be used in environmentally friendly, phosphorus-free, and heavy metal-free surface treatment solutions, replacing traditional phosphating and passivation processes.

D312 can be used as a crosslinking agent in adhesives and sealants, providing moisture-curing functionality and enhancing adhesion to substrates.

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.