

Product Information

Triethoxyoctylsilane

Product Description:

Triethoxyoctylsilane also known as n-octyltriethoxysilane is an alkyl silane in the form of a colorless, transparent liquid. After treating a surface with triethoxyoctylsilane the surface becomes hydrophobic. Triethoxyoctylsilane possesses a hydrolytically sensitive center that reacts with inorganic substrates such as glass to form stable covalent bonds that alters the substrates physical interaction properties such as hydrophobicity.

Applications:

Triethoxyoctylsilane is added to paints, coatings and surface treatments to increase water repellence, wear resistance, strength and adhesion. It is used in adhesives, sealants, fillers, finishing agents, and other paint and coating additives.

Chemical Formula:

$C_{14}H_{32}O_3Si$

CAS No. :

2943-75-1

Specifications

Parameters (units)	Specifications
Appearance	Colorless, transparent liquid
Color (Pt/Co)	≤ 30
Purity (%)	≥ 97.0
Specific gravity, at 20 °C	0.8790 ± 0.0050
Refractive index	1.4140 ± 0.0050

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bisleyinternational.com

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Packaging:

Material is available in 180 kg drum and 870 kg IBC. Further packaging options may be available upon enquiry.

Storage:

Product should be stored in a dry place away from direct sunlight in sealed, original packaging.

Safety:

For further safety information refer to product SDS available from your Bisley International contact.

Disclaimer: This document is for information purpose only. Customers are responsible for testing and conforming the suitability of this product in their application. To the extent permitted by law, no warranty as to merchantability or fitness of purpose, expressed or implied, is made.

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