

L232

Alkoxy silane

Description

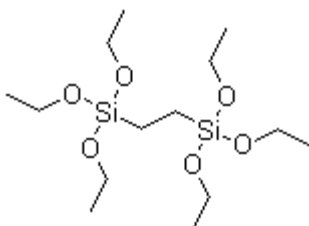
Silane Manta L232 is new type organo-functional silane which contains 2 silyl groups, this unique structure enable it to have a better adhesion to dry/wet surfaces, stronger and weather resistance bond.

The Equivalent List

Manta	Momentive	Dow	Evonik	Wacker	Shin-Etsu
L232	Y-9805		BTSE		

Typical Physical Properties

Manta code:	L232
Chemical Name:	1,2-Bis(triethoxysilyl)ethane
Synonyms	
CAS No. :	16068-37-4
EINECS No. :	240-212-2
Molecular weight:	354.59
Appearance:	Colorless to light yellow, transparent liquid
Purity (by GC, %)	95.0 min
Specific Gravity (p20°C, g/cm3)	0.958
Refractive Index ($n_D^{25^\circ\text{C}}$):	1.411
Boiling Point:	119°C
Flash point	113 °C closed cup
Water solubility	Reacts
Chemical Structure:	



Properties

Silane crosslinking agent

Applications

Manta L232 1, 2-Bis(triethoxysilyl)ethane (CAS No. 16068-37-4) has some application as below:

- 1) RTV silicone sealants: To enhance the adhesion to the dry or wet surfaces and could form a stronger and weather resistance bond.
- 2) Metal surface treatment: The toxic properties of chromates have caused an environmental demand on replacement of the chromium (VI) compound coating processes (chromating). One of the suggested methods is a silane coating. L232 with bis-silyl functional has six hydrolyzable groups and are believed to be more crosslinked than triand tetra-functional analogs. The enhanced crosslinking leads to better barrier properties in anticorrosion applications.

Packaging

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

Safety and Storage

Keep in a cool and dry place and avoid storage in direct sunlight. Shelf life is min. 12 months. It is shipped as hazardous substance.

Contact Information

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