

Organosilane A311

Product Description

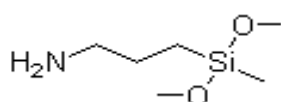
Chemical Name: gamma-Aminopropylmethyldimethoxysilane

Synonym: 3-Aminopropylmethyldimethoxysilane

3-(Methyldimethoxysilyl)propylamine

3-(Dimethoxymethylsilyl)-1-propaneamine

Chemical Structure:



Empirical Formula

C₆H₁₇NO₂Si

Molecular Weight

163.29

CAS No.

3663-44-3

EINECS No.

222-919-8

Commodity Specification

Appearance	Colorless and transparent liquid
Content, (by GC)	95% min
Specific Gravity, (20/20°C)	0.940—0.960
Refractive Index, n _D (25°C)	1.4200—1.4300

Application Direction

General Information: It is an amino-functional coupling agent that is used over a broad range of applications to provide superior bonds between inorganic substrates and organic polymers by improving organics / inorganics reactivity and chemical bonding, especially for fiberglass reinforced composites.

Suitable Polymers: Acrylic, Polyolefin, Butyl, Polysulfide, Cellulosic, Polyurethane, Epoxy, PVB, Furan, Silicone, Melamine, Urea-formaldehyde, Neoprene, Nitrocellulose, Phenolic, Polyamide, Polyester, etc.

Packing & Storage

Normally packed in 190 kgs net drums UN approved, sea-worthy for exporting.

* Small packing also available on request.

Stored in cool and dry air-flowing area preventing sunlight.

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.