

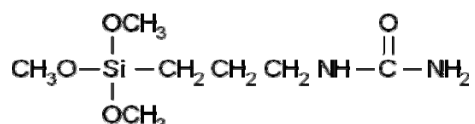
Organosilane U301

Product Description

Chemical Name: *gamma*-Ureidopropyltrimethoxysilane

Synonym: [3- (Trimethoxysilylpropyl)]urea

Chemical Structure:



Empirical Formula C₇H₁₈N₂O₄Si

Molecular Weight 222.32

CAS No. 23843-64-3

EINECS No. 245-904-8

Typical Physical Properties:

Appearance	Colorless to light brown liquid
Specific Gravity, (25/25°C)	1.150
Refractive Index, n _D (25°C)	1.3860
Flash Point*	99°C (210°F)
Boiling Point	210°C (410°F)

* Determined by ASTM Method D 93 using the Pensky-Martens closed cup.

Commodity Specification

Appearance	Colorless to light brown liquid
Color (APHA)	40 max
Active Ingredients	98% min
Specific Gravity, (25/25°C)	1.120—1.180

Application Direction

General Information: It is an ureido silane used as a coupling agent in a wide range of applications for adhesives, sealants, coatings, foundry and fiber glass, etc.

Suitable Polymers: Acrylic, Cellulosic, Phenolic, Polyurethane, Polyvinyl Butyral, Polyamide, Silicone, Urea-formaldehyde, etc.

Packing & Storage

Normally packed in 200 kg net drums UN approved, sea-worthy for exporting

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.