



## Isocyanate Functional Organosilane LS-E41

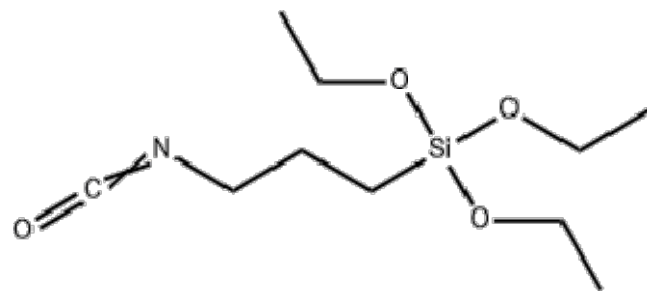
### Description:

Chemical Name: (3-Isocyanatopropyl)-triethoxysilane

Synonyms: 3-(Triethoxysilyl)propyl isocyanate; gamma-isocyanatopropyltriethoxysilane

Equivalents: Silquest A-Link 25; Silquest A-13; Shin-Etsu KBE-9007

Molecular Structure:



Molecular Formula: C<sub>10</sub>H<sub>21</sub>NO<sub>4</sub>Si

Molecular Weight: 247.36

CAS NO.: 24801-88-5

EINECS NO.: 246-467-6

### Special Features:

LS-E41 is a new type of organic Silicidal coupling agent. The base of isocyanate can respond to lively groups such as hydroxyl and amino groups. It can be used in organic materials and can play a significant puppet. In particular, it has excellent adhesion for inorganic materials.

### Typical Technical Properties:

Appearance: Colorless transparent liquid

Purity (by GC, %): 97.0 min

Refractive Index (25°C): 1.4140~1.4240

Flash Point: 77°C

Boiling Point: 238°C

Density (25°C, g/cm<sup>3</sup>): 0.950~1.050

### Applications:

The LS-E41 is mainly used to treat the surface of inorganic, organic and metal materials, and gives them good adhesion to the heterogeneous materials to improve the comprehensive performance of materials or products.

LS-E41 can react with amine, hydrogen nitride and phosphate, and can obtain a sibidane coupling agent containing pyrine-containing, littering, and phosphate groups;

LS-E41 can be used as a silicon-sully sulcquer sulcquer sulcquer adhesive to improve the adhesive strength of the gelatin to the substrate;

LS-E41 can be used as an organic polymer modified agent to achieve chemical modification. LS-E41 can also be used as crosslinkers and adhesives for paint and other paints.

### Package &Storage:

In 20kg, 25kg, 30kg, 200kg drum.

Keep in cool, dry and ventilated place. Keep away from moisture. Keep in unopened containers, shelf life is 6 months from the date of production.

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.