



Isocyanate Functional Organosilane LS-M41

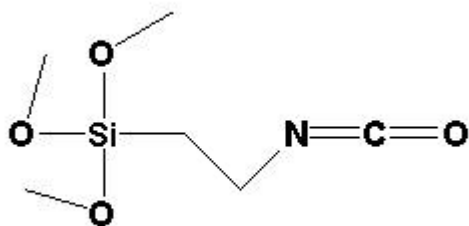
Description:

Chemical Name: 3-(trimethoxysilyl)propyl isocyanate

Synonyms: 3-isocyanatopropyltrimethoxysilane

Equivalents: Silquest A-Link 35; Shin-Etsu KBM-9007; Wacker GF 40

Molecular Structure:



Molecular Formula: C₇H₁₅NO₄Si

Molecular Weight: 205.28

CAS NO.: 15396-00-6

EINECS NO.: 239-415-9

Special Features:

LS-M41 is a new type of organic silicane plymic agent. The base of isocyanate can respond to lively groups such as hydroxyl and amino groups. It is 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): 1.4190~1.4220

Flash Point: 108°C

Boiling Point: 210°C

Density (25°C, g/cm³): 1.020~1.080

Applications:

LS-M41 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-M41 can react with amine, hydrogen nitride and phosphate, and can obtain a sibidane coupling agent containing pyrine-containing, nitrogen-littering, and phosphate groups;

LS-M41 can be used as a silicon-sully sulcquer sulcquer sulcquer adhesive to improve the adhesive intensity such as the gelatin to the substrate;

LS-M41 can be used as an organic polymer modified agent to achieve chemical modification. LS-M41 can also be used as an integrated agent and adhesive 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 9 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.