

Technical Data Sheet



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Silane LS-MA131

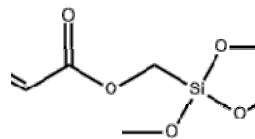
Description:

Chemical Name: Acryloyloxymethyltrimethoxysilane

Molecular Formula: C₇H₁₄O₅Si

Molecular Weight: 206.27

Chemical Structure:



CAS NO.: 21134-38-3

EINECS NO.: 700-313-9

Typical Technical Properties:

Appearance: Colorless to light red transparent liquid

Purity(%): ≥ 97

Refractive Index (25°C): 1.420 ± 0.020

Flash Point: 50°C

Boiling Point: 174°C

Density(25°C, g/cm³): 1.050 ± 0.100

Applications:

1. Used in unsaturated polyester composites: It enhances the mechanical, electrical, and light transmittance properties of the composites, particularly significantly improving their performance under wet conditions.
2. Use in the wire and cable industry: When this coupling agent is applied to treat EPDM systems filled with clay and cross-linked with peroxides, it improves the dissipation factor and specific inductance capacitance.
3. The methyl group exhibits greater structural reactivity compared to the propyl group.

Package & Storage:

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

Keep in cool, dry and ventilated place. Keep away from sunlight and fire sources. Keep away from acid and alkali. Keep in unopened containers.

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.