



Fluoro Functional Organosilane LS-51

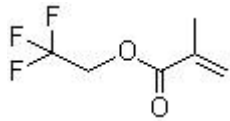
Description:

Chemical Name: 2,2,2-Trifluoroethyl methacrylate

Synonyms: 1,1-Dihydroperfluoroethyl methacrylate; 2-Methyl-2-propenoic acid 2,2,2-trifluoroethyl ester;

Equivalents:

Molecular Structure:



Molecular Formula: C₆H₇F₃O₂

Molecular Weight: 168.11

CAS NO.: 352-87-4

EINECS NO.: 206-525-3

Special Features:

Fluoro raw materials

Typical Technical Properties:

Appearance: Colorless to pale yellow clear liquid

Purity (by GC, %): 97.0 min

Refractive Index (25°C): 1.360±0.01

Moisture: ≤0.30

Inhibitor (MEHQ), ppm: 100±10 (or according to customer's order)

Boiling Point: 80°C

Flash Point: 24.5°C

Density (25°C, g/cm³): 1.181

Acid Value, mg (KOH)/g: ≤0.10

Applications:

1. Used as a monomer for fluorine-containing resin coatings;
2. For the production of functional polymer materials such as photosensitive resin materials, adhesives, and medical equipment;

Package & Storage:

In 1kg fluorinated bottle, 25kg pail, 200kg drum.

Keep in cool, dry and ventilated place. Keep away from sunlight and fire sources. Keep in unopened containers, shelf life is 12 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.