



## Silane Polymer LS-PEG20

### Description:

Chemical Name: 3-[Methoxy(polyethyleneoxy)-propyl]trimethoxysilane

Synonyms: MPEG-propyltrimethoxysilane; trimethoxy-[3-(2-methoxyethoxy)propyl]silane

Equivalents: Dynasylan 4140; Dynasylan 4144; Dynasylan 4150

Molecular Formula:  $C_9H_{22}O_5Si$

CAS NO.: 65994-07-2

Molecular Weight: 238.86

EINECS NO.: 670-227-3

### Typical Technical Properties:

Appearance: Colorless transparent liquid

Flash Point: 88°C

Refractive Index (25°C): 1.4030

Density(25°C, g/cm<sup>3</sup>): 1.076

### Applications:

1. MPEG-silane is a linear monofunctional methyl ether PEG with a reactive tri-ethoxy silane group;
2. Silane PEG is often used to PEGylate glass and hydroxylated surfaces and particles;
3. Synthesis of novel targeted drugs;

### 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.