

Manta S123

Isocyanate functional dialkoxy silane

Description

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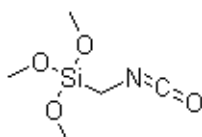
The Equivalent List

Manta	Momentive	Dow	Evonik	Wacker	Shin-Etsu
S123					

Typical Physical Properties

Manta code:	S123
Chemical Name:	1-Trimethoxysilylmethylisocyanate
Synonyms	1-Isocyanatomethyltrimethoxysilane; (Isocyanatomethyl)trimethoxysilane
CAS No. :	78450-75-6
EINECS No. :	
Molecular weight:	177.23
Appearance:	Colorless transparent liquid
Purity (by GC, %)	96.0 min
Density:	0.980-1.000
Refractive Index ($n_D^{25^\circ\text{C}}$):	1.4190-1.4220
Boiling Point:	130 °C
Flash point:	32 °C

Chemical Structure:



Applications

- Main used in silane-terminated polymers (MS polymers) and silyl modified polyurethane polymers (SPUR polymers) as silicone resin modifier.
- As an additive to Paints, adhesives, sealing materials.
- Improve the mechanical and chemical properties of composite materials.
- Used in RTV as a cross-linker and tackifier to enhance adhesion

Packaging

In 20KG, 25kg iron pail, 200KG drum

Safety and Storage

Keep in a cool and dry place and avoid storage in direct sunlight. Shelf life is min. 12 months. It is shipped as hazardous substance.

Contact Information

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