

Product Identification

Chemical name:	Methacryloxypropyltrimethoxysilane	
CAS No.:	2530-85-0	
EINECS No.:	219-785-8	
Molecular formula:	C ₁₀ H ₂₀ O ₅ Si	
Molecular weight:	248.35	
Equivalent:	Dowcorning	Z-6030
	Shinetsu	KBM-503
	Momentive	A-174
	Evonik	MEMO
	Wacker	GF-31

Technical specifications

Appearance:	Colorless transparent liquid
Purity (%):	≥99
Density (25°C, g/cm ³):	1.045
Refractive (25°C, g/cm ³):	1.431
Boiling point (°C):	190
Flash point (°C):	92.2

Application Guidelines

- 1、 OS-69 for the surface treatment of glass fiber, it can improve the bonding performance of glass fiber and resin, greatly improve the strength, electrical, water resistance, climate resistance and other properties of glass fiber reinforced composite materials. Even in the wet state, it can improve the mechanical properties of composite materials, and the effect is also significant
- 2、 OS-69 used for filling plastic with inorganic filler. The filler can be surface treated in advance or directly added to the resin. It can improve the dispersion and adhesion of the filler in the resin, improve the process performance and improve the mechanical, electrical and weather resistance properties of the filler plastic (including rubber).
- 3、 OS-69 as the tackifier of sealant, adhesive and coating, it can improve their adhesion strength, water resistance, climate resistance and other properties.

Packaging & Storage

200 kg / barrel,

Products shall be sealed and stored in a dry and well ventilated place. During storage and transportation, water and open fire shall be avoided.

Company Information

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The information provided in this Product Bulletin is believed to be accurate and reflective of the product's typical characteristics and potential applications. However, any usage suggestions provided are solely for reference and should not be construed as authorization to violate any domestic or international patents. It is the responsibility of user to conduct comprehensive testing under actual application conditions to verify the product's performance, compatibility, safety, and handling requirements.