

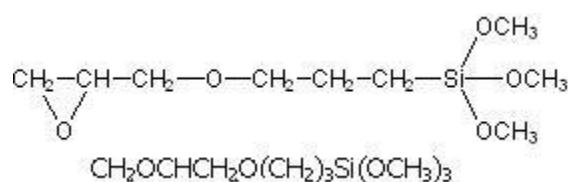
SILANE 560

DESCRIPTION

Chemical name: 3-(2, 3-Epoxy propoxy) propyltrimethoxysilane

Molecular Formula: C₉H₂₀O₅Si

Chemical structure:



Equivalent Brand: A-187(Momentive); KBM-403(ShinEtsu); Z-6040 (Dowcorning) ;
GF80(Wacker)

Silane 560 is colorless transparent liquid, soluble in various organic solvents. It may form polysiloxane after polymerization. Overheating, light, peroxide may cause hydrolysis.

TECHNICAL INDEX

Property	Specification
Physical Form	Clear liquid
Colour, Pt-Co	Max 30
Specific Gravity at 20°C	1.068 – 1.075
Refractive index (25oC)	1.4290 ±0.0050
Purity, %	Min 98.0
Molecular Weight:	236.38
CAS NO. :	2530-83-8

APPLICATION

Silane 560 can be used in variety of applications, including:

Unsaturated polyester composites

- Improve mechanical properties; like flexural strength, tensile strength, impact strength and modulus of elasticity.
- Improve electric property; like dielectric constant, volume resistivity.

Sealant and Adhesive

- Improve adhesion
- Used in organic, polyurethane and epoxy resin adhesive and sealant.

Paints and coatings

- Improve adhesion to the substrate, especially glass and metal
- Improve moisture and corrosion resistance.

Mineral filled composites

- Pretreatment of fillers and pigments
- Improve the adhesion between inorganic stuffing, base material and resin

Others

Be used as coupling agent, improve the adhesion between organic and inorganic materials.

PACKING

Silane 560 is available in 200kg steel drums, 1000kg IBC drums, or other packing on request.

STORAGE

Transport as non-hazardous chemicals. Store in original container only. Keep container tightly closed and store in a cool, well ventilated place.

SHELF LIFE

Original characteristics remain intact for 1 years, if kept in recommended storage.