

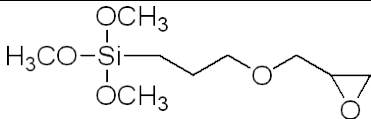
## Technical Date Sheet

### SiLink™ Silane KH-560

3-Glycidoxypropyltrimethoxysilane

Description
An epoxy functionl silane suitable for use as adhesion promoters in polysulfide, urethane, epoxy and acrylic caulks sealants and adhesives.

CAS Number
2530-83-8

CAS Number	
C3H5O2(CH2)3Si(OC2H5)3	

The Equipvalent Products to Other Manufacturers				
Momentive	DowCorning	Shin-Etsu	Degussa	Wacker
A-187	Z-6040	KBM-403	GLYMO	GF 80

Typeical Properties	
Index	Value
Appearance	Colorless, transparent liquid
Specific point ( $\rho_{20}$ ), g/cm <sup>3</sup>	1.055
Boiling Point (760mmHg), °C	290
Refractive Index (DN <sup>25</sup> )	1.4205
Flash Point, °C	110
Solubility	Soluble in water after hydrolysis,

alcohol and acetone, and most aliphatic esters at normal application levels fewer than 5%. Hydrolysis releases methanol.

#### Applications and Performance

- 1.Enhances electrical properties of epoxy electronic encapsulant and packaging materials, resulting from improving bonding between resin and substrate filler.
- 2.Stable in waterborne applications such as acrylic and vinyl acrylic caulks and emulsion adhesive and coating.
- 3.Improved adhesion to glass, concrete and metal substrate can be obtained in epoxy, polysulfide, urethane and acrylic bases adhesive, sealants and caulks.
- 4.Improved mechanic strength of glass fiber reinforcement or minerals filled engineering plastic especially PA.

#### Packing

This product is available in 5kg pail, 200L drums and 1000L immediate bulk container.

#### Storage and Usable Life

Should be stored in dry, cool, ventilated room; keep away from water, moisture, high temperature and fire. This product has a shelf life of at least 18 months if stored in tightly closed original container at room temperature.

If this product is kept beyond the shelf life recommend on the product label, it is not necessarily unusable, but a quality control should be performed on the properties relevant to the application.