

Product Information

Silane-560 Gamma-Glycidoxypropyltrimethoxysilane

Product Description:

Silane-560 is composed of Gamma-Glycidoxypropyltrimethoxysilane which is a colorless transparent liquid. It is an epoxy-functional silane.

Applications:

Silane-560 is used as a coupling agent to improve adhesion, strength, water-repellency and electrical properties of coatings. It is used as a coupling agent in polysulfide and polyurethane caulks and sealants, eliminating the need for a separate primer. It is used in mineral-filled and glass-reinforced thermosets or thermoplastics. Enhances wet electrical properties of epoxy-based encapsulating materials and in waterborne environments it improves the adhesion of epoxy, polyurethane and acrylic resins.

Chemical Formula:

$C_9H_{20}O_5Si$

CAS No. :

2530-83-8

Specifications:

Parameters (units)	Specifications
Appearance	Colorless transparent liquid
Color (Pt-Co)	≤ 15.0
Purity (%)	≥ 97.0
Density, at 20 °C (g/cm ³)	1.065 - 1.075
Refractive index, at 25 °C	1.426 - 1.429

*% denoted represents wt/wt %, unless noted otherwise

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Packaging:

Material is available in 5kg, 25 kg, 200 kg or 1000 kg drums. Further packaging options may be available upon enquiry.

Storage:

Product should be stored in a dry place away from direct sunlight in sealed, original packaging. Keep away from light sources or and heat sources. This product has a shelf-life of 6 months in the above conditions.

Safety:

For further safety information refer to product SDS available from your Bisley International contact.

Disclaimer: This document is for information purpose only. Customers are responsible for testing and conforming the suitability of this product in their application. To the extent permitted by law, no warranty as to merchantability or fitness of purpose, expressed or implied, is made.

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