

SC-3300 γ -Glycidoxypropylmethyldiethoxysilane

PRODUCT DESCRIPTION

SC-3300 is a clear colorless, low-odor liquid.

TYPICAL FEATURES AND APPLICATIONS

SC3300 may be used as an adhesion promoter (coupling agent) for organic/inorganic interfaces, as a surface modifier (e.g. regulating surface polarity) or as a crosslinking agent (moisture-curing of polymers).

TYPICAL PRODUCT DATA

(not intended for use in preparing specifications)

<u>CAS#</u>	2897-60-1
<u>Appearance:</u>	Colorless clear liquid.
<u>Density</u> (25/25°C)	0.978
<u>Refractive Index</u>	1.431 [25°C]
<u>Purity [%]</u>	0.98
<u>Boiling:</u>	123°C[5mmHg]
<u>Flash Point:</u>	122°C

When used as coupling agent, it generally reduces the sensitivity of the products' mechanical/electrical properties to heat and/or moisture. SC-3300 can be used to improve dry and wet strength in cured composites reinforced with glass fiber rovings. SC-3300 can be used to enhance wet electrical properties of epoxy-based encapsulate and packaging materials, and can be used to eliminate the need for a separate primer in polysulfide and urethane sealants. SC-3300 can be used to improve adhesion in waterborne acrylic sealants and in urethane and epoxy coatings.

SC-3300 reacts with water. Take precautions to avoid contact with atmospheric moisture.

SHELF LIFE AND STORAGE

AVAILABLE PACKAGING

SC-3300 is available in 200 kgs drums or 1000 kgs IBC container

In the unopened original container, shelf life is 12 months. Store in a cool, temperature controlled, well ventilated place. Keep container tightly closed.

PRODUCT SAFETY INFORMATION REQUIRED FOR SAFE USE IS NOT INCLUDED IN THIS DOCUMENT. BEFORE HANDLING, READ PRODUCT AND SAFETY DATA SHEET AND CONTAINER LABELS FOR SAFE USE, PHYSICAL, ENVIRONMENTAL, AND HEALTH HAZARD INFORMATION.

LIMITATIONS Not intended for human injection. This product is neither tested nor represented as suitable for medical or pharmaceutical uses.

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