

Technical Data Sheet

CFS-601, 3-(2,3-Epoxypropoxypropyl)methyldiethoxysilane

CFS-601, 3-(2,3-Epoxypropoxypropyl)methyldiethoxysilane is an epoxy functional silane which mainly acts as a coupling agent and an adhesion promoter in coatings and sealants industries. CFS-601, also called 3-Glycidoxypropylmethyldiethoxysilane, is the counterpart of Momentive Wetlink 78 and ShinEtsu KBE-402.

Typical Properties:

Chemical Name	3-(2,3-Epoxypropoxypropyl)methyldiethoxysilane
Cas No	2897-60-1
Formula	C ₁₁ H ₂₄ O ₄ Si
Color	Colorless
Appearance	Clear liquid
Purity	min 98%

Applications:

CFS-601 can be used as an adhesion promoter or a crosslinker in the coating and sealants industries. It's suitable for the processing of furniture adhesives, automotive sealants and marine coatings. It is also used in acrylic and polyurethane waterborne coatings.

CFS-601 can improve electrical properties of composites therefore it is also used for the preparation of electronic encapsulation and electronic packaging materials.

CFS-601 can act as a surface modifier of various inorganic fillers and glass fiber, to improve the bonding performance between organic resins and inorganic substrates. Suitable polymers include epoxy, urethane, acrylic and polysulfide polymers.

Packaging:

CFS-601 is offered in 25L PE pails, 200L PVF steel drums and 1000L IBC totes.

Please contact Co-Formula team for any special packaging request.

Storage:

CFS-601 should be stored in a cool, well-ventilated place, and avoid exposure to humidity.

CFS-601 should be stored in its original containers and used up asap after opening.

When stored in a strictly sealed and unopened container, CFS-601 has a shelf life of 12 months.