

## Technical Data Sheet

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### CFS-348, 3-Glycidoxypropyltriethoxysilane

CFS-348, 3-Glycidoxypropyltriethoxysilane or 3-(2,3-Epoxypropoxy)propyltriethoxysilane is an epoxy functional silane. It is the equivalent of Momentive Silquest A-1871 or Dynasylan GLYEO.

#### Typical Properties:

Chemical Name	3-Glycidoxypropyltriethoxysilane
Cas No	2602-34-8
Formula	C <sub>12</sub> H <sub>26</sub> O <sub>5</sub> Si
Color	Colorless
Appearance	Clear liquid
Purity	min 96%

#### Applications:

CFS-348 can be used as a crosslinker and an adhesion promoter in waterborne applications including acrylic and polyurethane coatings.

CFS-348 can be used as an adhesion promoter in coating and sealants industries. Wet adhesion, anti-yellowing, anti-corrosion and water-proof properties could be enhanced.

CFS-348 can be used to enhance adhesion and improve electricity properties of EMC (epoxy molding compound), electronic encapsulation and packaging materials.

CFS-348 can act as a surface modifier of inorganic materials such as fillers, glass fiber and metals. It can improve the bonding performance between organic resins and inorganic substrates. Suitable resins are epoxy, polyurethane, acrylic, polysulfide and so on.

CFS-348 can improve mechanical and electrical properties of various epoxy composites.

#### Packaging:

CFS-348 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-348 should be stored in a cool, well-ventilated place, and avoid exposure to humidity.

CFS-348 should be stored in its original containers and used up asap after opening.

When stored in a strictly sealed and unopened container, CFS-348 has a shelf life of 12months.