

## Technical Data Sheet

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### CFS-096, 3-Mercaptopropyltriethoxysilane

CFS-096, 3-Mercaptopropyltriethoxysilane is a bifunctional silane with sulphur group. It is known as KH-580 in China and normally acts as the counterpart of Momentive Silquest A-1891 or ShinEtsu KBE-803.

#### Typical Properties:

Chemical Name	3-Mercaptopropyltriethoxysilane
Cas No	14814-09-6
Formula	C <sub>9</sub> H <sub>22</sub> O <sub>3</sub> SSi
Color	Colorless to light yellow
Appearance	Clear liquid
Purity	min 97%

#### Applications:

CFS-096 can be used to improve mechanical and electrical properties of silicone rubbers and tires. It can act as a crosslinker of organic polymers and resin additives.

CFS-096 can be used as an adhesion promoter and fillers/pigments modifier in coating and sealants industries.

CFS-096 can be used as a surface modifier and an adhesion promoter to prepare silylation surface treatment agents of metals and other inorganic substrates.

CFS-096 can be used as an additive for the preparation of finishing agents and shrink-proof agents of textiles and fabrics.

#### Packaging:

CFS-096 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-096 should be stored in a cool, well-ventilated place, and avoid exposure to humidity.

CFS-096 should be stored in its original containers and used up as soon as possible after opening.

When stored in a strictly sealed and unopened container, CFS-096 has a shelf life of 12months.