

Technical Data Sheet

CFS-740, 3-Mercaptopropyltrimethoxysilane

CFS-740, 3-Mercaptopropyltrimethoxysilane is a bifunctional silane with sulphur group. It is the equivalent of Momentive Silquest A-189 or ShinEtsu KBM-803.

Typical Properties:

Chemical Name	3-Mercaptopropyltrimethoxysilane
Cas No	4420-74-0
Formula	C ₆ H ₁₆ O ₃ SSi
Color	Colorless to light yellow
Appearance	Clear liquid
Purity	min 97%

Applications:

CFS-740 can improve mechanical and electrical properties of silicone rubbers and tires.

CFS-740 can be used as an adhesion promoter and a fillers/pigments modifier in coating and sealants industries.

CFS-740 can be used as a surface modifier and an adhesion promoter to prepare silylation surface treatment agents of metal. Other suitable inorganic substrates are glass, silica and kaolin.

CFS-740 can also be used as crosslinkers of organic polymers and resin additives.

CFS-740 can be used to produce finishing agent of textiles and fabrics.

Packaging:

CFS-740 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-740 should be stored in a cool, well-ventilated place, and avoid exposure to humidity.

CFS-740 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-740 has a shelf life of 12months.