

Technical Data Sheet

CFS-214 Dodecyltrimethoxysilane

CFS-214 Dodecyltrimethoxysilane is a long-chain silane with three methoxy groups. It is soluble in a variety of ordinary solvents and mainly used as a waterproof agent.

Typical Properties:

Chemical Name	Dodecyltrimethoxysilane
Cas No	3069-21-4
Formula	C ₁₅ H ₃₄ O ₃ Si
Color	Colorless
Appearance	Clear liquid
Purity	min 97%

Applications:

CFS-214 can be used as a waterproof agent and a protective agent for constructions. It can greatly improve the weatherability and durability of constructions.

CFS-214 can be used as a surface modifier for the treatment of inorganic materials such as glass, ceramic, SiO₂, kaolin and so on. It can significantly improve the dispersibility and compatibility of inorganic substrates with organic polymers.

CFS-214 can be used for the protection of cultural relics. It can greatly prevent damages brought by acid corrosion and weathering.

CFS-214 can be used to protect blank glass or film-treated glass and protect optical parts or precision equipment with scales and metal frames.

Packaging:

CFS-214 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-214 should be stored in a cool, well-ventilated place, and avoid exposure to humidity.

CFS-214 should be stored in its original containers and used up asap after opening.

When stored in a strictly sealed and unopened container, CFS-214 has a shelf life of 12months.