

Technical Data Sheet

CFS-377, 1H,1H,2H,2H-Perfluorooctyltriethoxysilane

CFS-377, 1H,1H,2H,2H-Perfluorooctyltriethoxysilane is a bifunctional fluoro silane with a hydrolysable ethoxy group. It is the equivalent of Dynasylan F8261.

Typical Properties:

Chemical Name	1H,1H,2H,2H-Perfluorooctyltriethoxysilane
Cas No	51851-37-7
Formula	C ₁₄ H ₁₉ F ₁₃ O ₃ Si
Color	Colorless to light yellow
Appearance	Clear liquid
Purity	min 97%

Applications:

CFS-377 can be used as an excellent auxiliary of sol-gel system in coating and sealants industries.

CFS-377 can act as a surface modifier and an adhesion promoter of inorganic glasses or ceramics, to improve the bonding performance between organic fluoropolymers and inorganic substrates.

CFS-377 can be used for the synthesis of fluoro resin and fluoro copolymers.

CFS-377 can be used in wooden, fabrics and cosmetics fields with excellent surface protection, waterproof and oil repellent performance.

CFS-377 can also be used for agricultural plastic films, acting as an important additive of dropping agents and fogging agent synthesis.

Packaging:

CFS-377 is offered in 1L PE bottles, 25L PE pails and 200L PVF steel drums.

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

Storage:

CFS-377 should be stored in a cool, well-ventilated place, and avoid exposure to humidity.

CFS-377 should be stored in its original containers and used up as soon as possible after opening.

Technical Data Sheet

When stored in a strictly sealed and unopened container, CFS-377 has a shelf life of 12months.