

Technical Data Sheet

CFS-165, 1H,1H,2H,2H-Perfluorooctyltrimethoxysilane

CFS-165, 1H,1H,2H,2H-Perfluorooctyltrimethoxysilane is a silane coupling agent containing fluoroalkyl functional group. It is the equivalent of Dynasylan F8161.

Typical Properties:

Chemical Name	1H,1H,2H,2H-Perfluorooctyltrimethoxysilane
Cas No	85857-16-5
Formula	C ₁₁ H ₁₃ F ₁₃ O ₃ Si
Color	Colorless to light yellow
Appearance	Clear liquid
Purity	min 97%

Applications:

CFS-165 can be used as a basic material of sol-gel system and the synthesis of fluoro resins and fluoro copolymers.

CFS-165 can act as a surface modifier and an adhesion promoter of inorganic materials such as pigments, glass and ceramics. It can improve the bonding performance between organic fluoropolymers and inorganic substrates.

CFS-165 can be used in wooden, fabrics and cosmetics fields with excellent surface protection, waterproof and oil repellent performance.

CFS-165 can also be used for agricultural plastic films, acting as an important additive of dropping agents and fogging agent synthesis.

Packaging:

CFS-165 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-165 should be stored in a cool, well-ventilated place, and avoid exposure to humidity.

CFS-165 should be stored in its original containers and used up asap after opening.

When stored in a strictly sealed and unopened container, CFS-165 has a shelf life of 12months.