

Co-Formula Silane Coupling Agent

Item Code: CFS-164

Chemical Name: 1H,1H,2H,2H-Perfluorodecyltriethoxysilane

Typical Properties

CAS No.: 101947-16-4

Formula: $\text{C}_{16}\text{H}_{19}\text{F}_{17}\text{O}_3\text{Si}$

Density: ~1.407

Refractive Index: ~1.3419

Appearance: Colorless clear liquid

Purity: min 97%

Applications

Used as an excellent auxiliary of sol-gel system in coating and sealants industries.

Used as a surface modifier and an adhesion promoter of inorganic glasses or ceramics, to improve the bonding performance between fluoropolymers and inorganic substrates.

Used for the synthesis of fluoro resin and fluoro copolymers.

Used in wooden, fabrics and cosmetics fields with excellent surface performance.

Used for the synthesis of dropping agents and fogging agents.

Packaging

CFS-164 is available in 25L PE pails, 200L steel drums or 1000L IBC totes.

Custom packaging possibilities are also available.

Transportation

Not hazardous goods.

More detailed and comprehensive information can be found in the corresponding SDS.

Storage

Stored in a cool, well-ventilated place, and avoid exposure to humidity.

Should be stored in its original containers and used up asap after opening.

The expected shelf life is 12months, when stored in a strictly sealed container and under proper conditions.



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