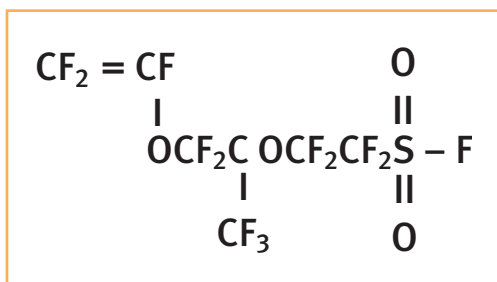


DuPont FluoroIntermediates

PSEPVE

Perfluoro-2-(2-fluorosulfonylethoxy) Propyl Vinyl Ether



Description and Uses

Perfluoro-2-(2-fluorosulfonylethoxy) Propyl Vinyl Ether (PSEPVE) is a clear liquid commonly used as a co-monomer in various polymerizations. PSEPVE incorporates a side chain functionality which can be subsequently converted to sulfonic acid groups. This functionality is useful to incorporate both discrete ionic domains and ion channels into high performance polymers.

Product Data

Chemical name	Ethanesulfonyl fluoride, 2-{1-[difluoro(trifluoroethenyl)oxy]methyl}-1,2,2,2-tetrafluoroethoxy]-1,1,2,2-tetrafluoro
CAS number	16090-14-5
EINECS number	240-249-4
TSCA	Not listed*
Shipping UN number	UN2810
Molecular Weight	446 g/mol
Boiling Point	135°C (275°F)
Vapor Pressure, 38°C	0.2 kPa (0.03 psia)
Flash Point	Nonflammable**
Density, 38°C	1.70 g/ml
TSCA listed	Yes
Toxicity	See MSDS
Purity	98 wt% min

* For research purposes only

** Per ASTM D92-66



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