

Perfluoropolyether

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Safety Data Sheet(Conforms to Regulation(EU) No 2015/830)



Section 1. Identification of the substance/mixture and the company/undertaking

1.1. Product Identifier

Product Name: Fluoroelastomer Powder

Product Code: TPD-FE2650

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: Used as an additive for polymers, such as HDPE, LLDPE and PP, etc.

Uses advised against: Not Applicable

1.3. Details of the supplier of the safety data sheet

Supplier Name	Fuzhou Topda New Material Co., Ltd
Address	17-16, C3# Building, Cangshan Wanda Plaza, 216 Pushang Avenue, Fuzhou China
Telephone	+86-591-86396155
Fax	+86-591-86396155
Emergency telephone	+86-15859107755
Email	contact@fluorochemie.com

Section 2. Hazards identification

2.1. Classification of the substance or mixture according to regulation (EC) No 1272/2008 [CLP]

Hazard Classification: Not classified

2.2. Label elements

Symbol(s): Not Applicable

Signal word: Not Applicable

Hazard statements: Not Applicable

Precautionary statements: **Prevention:** Not Applicable

Response: Not Applicable

Storage: Not Applicable

Disposal: Not Applicable

2.3. Other Hazards which do not result in classification

No data available.

Section 3. Composition/Information on ingredients

Product type(substance/mixture): Substance

3.1. Substances

1. CAS No 2. EC No 3. Index No 4. REACH No	%[Weight]	Name	Classification according to regulation(EC No 1272/2008[CLP]
1. 9011-17-0 2. 618-470-6 3. Not Available 4. Not Available	100%	1-Propene, 1,1,2,3,3,3-hexafluoro-, polymer with 1,1- difluoroethene	Not Classified

Section 4. First aid measures

4.1. Description of First Aid Measures

General advice: If irritation persists, consult a doctor.

If inhaled: Remove person to fresh air and keep comfortable for breathing.

In case of skin contact: Wash skin with plenty of water.

In case of eye contact: Rinse eyes with water as a precaution.

If swallowed: Rinse mouth. Call a poison center or a doctor if you feel unwell.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms: No information available.

4.3. Indication of any immediate medical attention and special treatment needed

Treatment: Treat symptomatically

Section 5. Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media: Water spray. Dry powder. Foam.

Unsuitable extinguishing media: No information available.

5.2. Special hazards arising from the substrate or mixture

Fire hazard: Thermal decomposition may produce : Carbon dioxide (CO₂). Nitrogen oxides.

Hazardous decomposition products in case of fire: Toxic fumes may be released.

5.3. Advice for firefighters

Special protective equipment for firefighters: Do not attempt to take action without suitable protective equipment.
Self-contained breathing apparatus. Complete protective clothing.

Section 06. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures: Ventilate spillage area.

6.1.2. For emergency responders

Protective equipment: Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Ensure good ventilation of the work station. Wear personal protective equipment.

Hygiene measures: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

6.4. Reference to other sections

For further information refer to section 13.

Section 7. Handling and Storage

7.1. Precautions for safe handling

Precautions for safe handling: Ensure good ventilation of the work station. Wear personal protective equipment.

Hygiene measures: Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a well-ventilated place. Keep cool.

7.3. Specific end use(s)

No information available.

Section 8. Exposure controls/personal protection

8.1. Control parameters

No additional information available

8.2. Exposure controls

8.2.1 Appropriate engineering controls

Ensure good ventilation of the work station.

Hand protection:
Protective gloves
Eye protection:
Safety glasses
Skin and body protection:
Wear suitable protective clothing
Respiratory protection:
In case of insufficient ventilation, wear suitable respiratory equipment

Environmental exposure controls:

Avoid release to the environment.

Section 09. Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:	White or yellowish powder
Physical state:	Solid
Color:	White or yellowish
Odour:	None
Odor Threshold:	No data available.
pH:	No data available.
pH solution:	No data available.
Relative evaporation rate (butylacetate=1):	No data available.
Relative evaporation rate (ether=1):	No data available.
Freezing point:	No data available.
Flash point:	>204°C
Critical temperature:	7
Auto-ignition temperature:	No data available.
Decomposition temperature:	>100°C
Flammability (solid, gas):	1.89-1.92g/cm ³
Vapour pressure:	No data available.
Decomposition temperature:	No data available.
Vapour pressure at 50 °C:	No data available.
Relative vapour density at 20 °C:	No data available.
Relative density:	No data available.
Relative density of saturated gas/air mixture:	40-50mPa.s at 20°C

Density:	1.75-1.90 g/cm ³
Relative gas density:	No data available.
Solubility:	Water: Insoluble.
Log Pow:	No data available
Log Kow:	Not applicable
Viscosity, kinematic:	No data available
Viscosity, dynamic:	No data available
Explosive properties:	No data available
Oxidising properties:	No data available
Explosive limits:	No data available
Lower explosive limit (LEL):	No data available
Upper explosive limit (UEL):	No data available
Dust deflagration index:	No data available

9.2. Other information

Not Available

Section 10. Stability and reactivity

10.1. Reactivity:	The product is non-reactive under normal conditions of use, storage and transport.
10.2. Chemical stability:	Stable under normal conditions
10.3 Possibility of hazardous reactions:	No dangerous reactions known under normal conditions of use.
10.4. Conditions to avoid:	None under recommended storage and handling conditions (see section 7).
10.5. Incompatible materials:	No information available.
10.6. Hazardous decomposition products:	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological properties

11.1. Information on toxicological effects

Acute toxicity (oral):	Not classified
	Half lethal dose(rat): LD ₅₀ >5000mg/kg
Acute toxicity (dermal):	Not classified
Acute toxicity (inhalation):	Not classified
Skin corrosion/irritation:	Not classified

pH: No data available

Serious eye damage/irritation: Not classified

pH: No data available

Respiratory or skin sensitisation: Not classified

Germ cell mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive toxicity: Not classified

STOT-single exposure: Not classified

STOT-repeated exposure: Not classified

Aspiration hazard: Not classified

Section 12. Ecological information

12.1. Ecotoxicity

Ecology - general: The product is not considered harmful to aquatic organisms nor to cause long-term adverse effects in the environment.

Acute aquatic toxicity: Not classified.

Chronic aquatic toxicity: Not classified.

12.2. Persistence and degradability

Binary Fluoro-Elastomer (9011-17-0)	
Persistence and degradability	No information available.

12.3. Bioaccumulative potential

Binary Fluoro-Elastomer (9011-17-0)	
Log Pow	No data available
Log Kow	Not applicable
Bioaccumulative potential	No information available.

12.4. Mobility in soil

Binary Fluoro-Elastomer (9011-17-0)	
Ecology - soil	No information available.

12.5. Results of PBT and vPvB assessment

No additional information available

12.6. Other adverse effects

No data available

Section 13. Disposal considerations

13.1. Waste treatment methods

Waste treatment methods: Dispose of contents/container in accordance with licensed collector's sorting instructions.

Section 14. Transport information

In accordance with ADR / RID / IMDG / IATA / AND

ADR	IMDG	IATA	ADN	RID
14.1. UN number				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.2. UN proper shipping name				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards				
Not regulated	Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available				

14.6. Special precautions for user

Overland transport

Not regulated

Transport by sea

Not regulated

Air transport

Not regulated

Inland waterway transport

Not regulated

Rail transport

Not regulated

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

Section 15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

15.1.1. EU-Regulations

No REACH Annex XVII restrictions Binary Fluoro-Elastomer is not on the REACH Candidate List Binary

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Fluoro-Elastomer is not on the REACH Annex XIV List E21729 EUSDS Binary Fluoro-Elastomer is not subject to REGULATION (EU) No 649/2012 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 4 July 2012 concerning the export and import of hazardous chemicals. E21729 EUSDS Binary Fluoro-Elastomer is not subject to Regulation (EC) No 850/2004 of the European Parliament and of the Council of 29 April 2004 on persistent organic pollutants and amending Directive 79/117/EEC

15.1.2. National regulations

Germany

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV: Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

Netherlands

SZW-lijst van kankerverwekkende stoffen: The substance is not listed

SZW-lijst van mutagene stoffen: The substance is not listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffe

n – Borstvoeding:

NIET-limitatieve lijst van voor de voortplanting giftige stoffe The substance is not listed

n – Vruchtbaarheid:

NIET-limitatieve lijst van voor de voortplanting giftige stoffe The substance is not listed

n – Ontwikkeling:

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

Section 16. Other information

Disclaimer:

This SDS is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. The information contained here has been compiled from sources considered by us to be dependable and is accurate to the best of our knowledge. It is not meant to be an all-inclusive document on worldwide hazard communication regulations.

This information is offered in good faith. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent employee exposures, property damage or release to the environment. We assumed no responsibility for injury to the recipient or third persons, or for any damage to any property resulting from misuse of the product.

End of Material Safety Data Sheet