

SAFETY DATA SHEET

WHMIS 2015 • OSHA HCS (29 CFR 1910.1200) • NOM-018-STPS-2015

1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product Name Fluorosil TFP D7

Product code 5461.7

Chemical Name Siloxanes and Silicones, di-Me, Me 3,3,3-trifluoropropyl

CAS No. 115361-68-7

1.2 Recommended use of the chemical and

restrictions on use

Identified use(s)

An intermediate chemical product.

Uses advised against None known

1.3 Details of the supplier of the Safety Data Sheet

Company Identification Siltech Corp

225 Wicksteed Ave

Toronto, ON Canada M4H 1G5

 Telephone
 +1-416-424-4567

 Fax
 +1-416-424-3158

 E-Mail (competent person)
 raj@siltech.com

Additional Location Siltech Corp

3265 Wolfedale Road,

Mississauga ON Canada L5C 1V8

Telephone +1-905-270-5534 Fax +1-905-270-5816

1.4 Emergency telephone number

Emergency Phone No. CANUTECH - TELEPHONE: EMERGENCY USE ONLY

+1-613-996-6666

2. SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Not classified

2.2 Label elements

Product Name Fluorosil TFP D7

 Symbol
 NONE

 Signal word(s)
 NONE

 Hazard statement(s)
 NONE

Precautionary statement(s) P262: Do not get in eyes, on skin, or on clothing.

2.3 Other hazards None known

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

Hazardous ingredient(s)	Synonym(s)	%W/W	CAS No.	EC No.	Hazard pictogram(s) and Hazard statement(s)	
Contains no hazardous ingredients						

4. SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Inhalation If breathing is difficult, remove victim to fresh air and keep at

rest in a position comfortable for breathing.

Skin Contact Gently wash with plenty of soap and water.

Siltech Corp 225 Wicksteed Ave. Toronto, ON Canada M4H 1G5 1-416-424-4567 www.siltech.com

Product: Fluorosil TFP D7 SDS #: 5461.7

Eye Contact If substance has got into the eyes, immediately wash out with

plenty of water for several minutes.

Ingestion If swallowed, seek medical advice immediately and show this

container or label. Not available.

4.2 Most important symptoms and effects, both

acute and delayed

4.3 Indication of any immediate medical

attention and special treatment needed

Treat symptomatically.

5. SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

Suitable Extinguishing Media In case of fire, use water spray, foam, dry powder or CO2

for extinction. Keep containers cool by spraying with water if

exposed to fire.

Unsuitable Extinguishing Media None known

5.2 Special hazards arising from the substance or

mixture

Silicon Dioxide, carbon oxides, incompletely burned carbon

compounds, formaldehyde.

5.3 Advice for fire-fighters A self contained breathing apparatus and suitable protective

clothing should be worn in fire conditions.

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and Avoid contact with skin, eyes or clothing. Use personal

emergency procedures protective equipment as required.
Environmental precautions Avoid release to the environment.

6.2 Environmental precautions
 6.3 Methods and material for containment and
 Avoid release to the environment and
 Caution - spillages may be slip

3 Methods and material for containment and cleaning up
Caution - spillages may be slippery. Cover spills with inert absorbent material. Transfer to a container for disposal.

.4 Reference to other sections See Section: 7 & 8.

7. SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling Avoid contact with skin and eyes. Avoid ingestion. Use

only with sufficient ventilation. Wash thoroughly after handling. General hygiene measures for the handling of

chemicals are applicable.

Store in a tightly closed container.

7.2 Conditions for safe storage, including any

incompatibilities

Storage Temperature Ambient

Storage Life Stable under normal conditions.

Incompatible materials

Specific end use(s)

Oxidizing agents
Industrial use

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

7.3

8.1.1 Occupational Exposure Limits

		LTEL (8 hr TWA	LTEL (8 hr TWA	STEL	STEL	
SUBSTANCE	CAS No.	ppm)	mg/m³)	(ppm)	(mg/m³)	Note
None assigned						

8.1.2 Biological limit value Not established

8.1.3 PNECs and DNELs Not established

8.2 Exposure controls

8.2.1 Appropriate engineering controls Provide adequate ventilation.

8.2.2 Personal protection equipment

Eye/face protection Wear protective eyewear (goggles, face shield, or safety

glasses).

Product: Fluorosil TFP D7 SDS #: 5461.7



Skin protection (Hand protection/ Other) Wear suitable gloves if prolonged skin contact is likely.



No personal respiratory protective equipment normally Respiratory protection

required.

Thermal hazards None.

8.2.3 Environmental Exposure Controls Avoid release to the environment.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical

properties

Appearance Colourless to yellowish liquid.

Odour Faint.

Not available. Odour Threshold рΗ Not available. Melting Point/Freezing Point Not available.

Initial boiling point and boiling range >100°C @ 760mmHg

Flash point (PMCC) >100°C Evaporation rate Not available. Not applicable. Flammability (solid, gas) Upper/lower flammability or explosive limits Not available. Not available. Vapour pressure Vapour density Not available.

Relative density / Specific Gravity (25°C) 1.002

Solubility(ies) Insoluble in water. Partition coefficient: n-octanol/water Not available. Not available. Auto-ignition temperature **Decomposition Temperature** Not available. Viscosity (25°C) 40 - 80 cps Not applicable. Explosive properties Not applicable. Oxidising properties

10. SECTION 10: STABILITY AND REACTIVITY

10.1 Stable under normal conditions. Reactivity 10.2 **Chemical stability** Stable under normal conditions.

10.3 Possibility of hazardous reactions Will not occur. 10.4 Conditions to avoid None known. 10.5 Incompatible materials Oxidizing agents.

10.6 **Hazardous Decomposition Product(s)** Silicon Dioxide, carbon oxides, incompletely burned carbon

compounds, formaldehyde.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Ingestion Low toxicity under normal conditions of handling and use. Inhalation Low toxicity under normal conditions of handling and use.

Skin Contact None anticipated Eye Contact None anticipated

Effects and Symptoms

skin corrosion/irritation Not classified

Revision: 3 Page: 3/5 Date: 01/03/2022 Product: Fluorosil TFP D7 SDS #: 5461.7

Serious eye damage/irritation Not classified Respiratory or skin sensitization 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 Not available Delayed and chronic effects Calculated acute toxicity estimate (ATE) Not available

12. SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity	Not available.
12.2	Persistence and degradability	Not available.
12.3	Bioaccumulative potential	Not available.
12.4	Mobility in soil	Not available.
12.5	Results of PBT and VPVB assessment	Not available.
12.6	Other adverse effects	None known

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods Do not empty into drains; dispose of this material and its

container in a safe way.

13.2 Additional Information Dispose of contents in accordance with local, state or

national legislation.

14. SECTION 14: TRANSPORT INFORMATION

14.1 DOT / TDG / Road/Rail (ADR/RID) Not classified as hazardous for road transport.

Not classified as hazardous for rail transport.

Not classified as hazardous for air transport.

Not classified as hazardous for marine transport.

15. SECTION 15: REGULATORY INFORMATION

15.1 EU regulations

Air (ICAO/IATA)

Sea (IMDG)

14.2

14.3

REACH Registration No. Polymer exempt.

Candidate List of Substances of Very High Concern

for Authorisation

Possible trace amounts of:

Octamethylcyclotetrasiloxane (CAS# 556-67-2) < 0.025% Decamethylcyclopentasiloxane (CAS# 541-02-6) < 0.1% Dodecamethylcyclohexasiloxane (CAS# 540-97-6) < 0.1%

15.2 International Inventories

		Not	Polymer	
Country	Listed	listed	exempt	Other
United States (TSCA)	~			
Canada (DSL/NDSL)	NDSL✓			
European Union (EINECS/ELINCS)			✓	
Australia (AICS)		Х		
China (IECSC)	✓			
Japan (ENCS)	√			
South Korea (KECI)		Χ		
Taiwan (TCSI)		X		
New Zealand (NZIoC)	√			
Philippines (PICCS)		Χ		

Product: Fluorosil TFP D7 SDS #: 5461.7

15.3 National regulations

United States (TSCA) TSCA Inventory Status : All chemicals in this product comply

with TSCA rules and regulations including TSCA Section ${\bf 5}$

(Inventory Rules).

HMIS (Hazardous Material Information System) H = 1 / I

NFPA Rating

H = 1 / F = 1 / R = 0 H = 1 / F = 1 / R = 0

15.4 US State Regulations

15.4.1 SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE BIRTH DEFECTS OR

OTHER REPRODUCTIVE HARM

15.4.2 SUBSTANCES KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER

None known.

None known.

15.4.3 State Right to Know Lists

Octamethylcyclotetrasiloxane (CAS# 556-67-2) < 0.025%

16. SECTION 16: OTHER INFORMATION

Revision: March 01, 2022

LEGEND

LTEL Long Term Exposure Limit
STEL Short Term Exposure Limit
STOT Specific Target Organ Toxicity
DNEL Derived No Effect Level

PNEC Predicted No Effect Concentration
PBT Persistent, Bioaccumulative and Toxic
vPvB very Persistent and very Bioaccumulative

Hazard statement(s) and Precautionary statement(s)

P262: Do not get in eyes, on skin, or on clothing. **Hazard pictogram(s) and Hazard Symbol**

NONE

Additional Information

Disclaimers

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Siltech Corp. gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Siltech Corp. accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.

Revision: 3 Page: 5/5 Date: 01/03/2022