



Fluortek TP57® Material

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Trade name: Fluortek TP57 Lubricant with Teflon®

Application: Lubricant

Supplier:

Fluortek AB

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2. COMPOSITION OF PRODUCT

<u>Name</u>	<u>CAS-No</u>	<u>Conc (w%)</u>	<u>Class</u>
Polytetrafluorethylene	9002-84-0	40-60%	
Polydimethylsiloxane	63148-62-9	40-60%	

3. HAZARDS INFORMATION

Most important hazard: None

Specific hazards: Explosive air-mixtures can occur at temperatures above 200° C.

4. FIRST-AID MEASURES

Inhalation: Move to fresh air in case of fumes from overheating or combustion.

Skin contact: Wash with soap and water.

Eye contact: Rinse with water.

Ingestion: Seek medical advice if necessary.

5. FIRE-FIGHTING MEASURES

Extinguishing media: Foam/powder

Fire fighting: Self-contained breathing apparatus.

Fire and explosion

hazards: Explosive air-mixtures can occur at temperatures above 200° C.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Wear eye protection glasses

Environmental

precautions: Avoid discharge into drains.

7. HANDLING AND STORAGE

Handling: Does not require any specific or technical measures.

Storage: Stable under normal storage conditions.

8. EXPOSURE CONTROLS

Respiratory protection: None

Eye protection: Safety glasses

Hand protection: None

Skin protection: None

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Paste	
Colour	White	
Odour	None	
Consistency at 25°C, NLGI	2	ASTM D217
Density at 20°C	1,45	
Base oil viscosity at 40°C, mm²/s	220	
Four Ball Wear	0,3	ASTM D2266
Thickener	Teflon® PTFE	
Decomposition temperature (°C)	>260°	
Flashpoint (°C)	>280°	
Ignition temperature (°C)	>400°	

10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions

Materials to avoid: Strong oxidating products, alkali and hot concentrated lye

Hazardous

decomposition products: Quartz, carbonic dioxide, carbonic monoxide.

11. TOXICOLOGICAL INFORMATION

All components meet the requirements according to CFR 178.3750 and CFR 177.1550 in accordance with the US Federal Drug and Cosmetic Act regulations governing lubricants with incidental food contact.

Inhalation: The thermal decomposition vapours of fluorinated polymers may cause polymer fume fever with flu-like symptoms.

Skin contact: None

Eye contact: May cause irritated mucous membranes.

Ingestion: None

Chronic effects: No data available

Sensitisation: None

Mutagenicity: None

Cancer: None

12. ECOLOGICAL INFORMATION

According to EG Directive 2000/53 concerning declaration of heavy metals in product composition are listed below.

Metal	%	Mass
Lead (Pb)	0%	--
Mercury (Hg)	0%	--
Cadmium (Cd)	0%	--
Hexavalent (Cr)	0%	--

13. DISPOSAL CONSIDERATIONS

According to local regulations.

14. TRANSPORT INFORMATION

Not applicable

15. REGULATORY INFORMATION

Not applicable

16. OTHER INFORMATION

Application: The product is used as a lubricant.

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