

MATERIAL SAFETY DATA SHEET

FLUORTEK TP55[®]

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Trade name: Fluortek TP55 Lubricant with Teflon[®]
Application: Lubricant

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	1000	
Four Ball Wear	2,8	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

Inhalation:	The thermal decomposition vapors 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

No data available

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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