

Material Safety Data Sheet

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TEF-GEL™

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COMPANY DETAILS

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IDENTIFICATION

Product Name: Tef-Gel

UN Number: N/A
Hazchem Code: N/A
**Dangerous Goods Class
And Sub-risk:** N/A
Poisons Schedule: N/A

Manufacturers Product Code: TG

Use: Corrosion Protection

Physical Description/ Properties

Appearance: White Gel
Boiling Point/Melting Point(°C): >260° C
Vapour Pressure: Negligible
Specific Gravity: Not Calculated

Flashpoint(°C): Over 260°C (COC)
Flammability Limits (%): N/A
Solubility in Water: Insoluble

Other Properties:

Ingredients:

Chemical Entity:	CAS No:	Proportion:
Polytetrafluoroethylene, PTFE	9002-84-0	40%

HEALTH HAZARD INFORMATION

Health Effects

Acute Swallowed: Contact Doctor
Eye: Wash thoroughly, contact doctor if irritation persists
Skin: Wash with soap and water
Inhaled: Move to fresh air and refer to a doctor for treatment

Chronic There are no chronic effects

Exercise ordinary measures of personal hygiene. Avoid contamination of cigarette or other tobacco products.

There are no medical conditions that may be aggravated by contact.

Polytetrafluoroethylene (PTFE), when thermally decomposed may cause polymer fume fever and flu like symptoms, inhalation of vapours from material at high temperatures (over 260°C) MUST be avoided.

PRECAUTIONS FOR USE

- Exposure standards:** There is no experience with overexposure. Prolonged or repeated contact with skin or contact with the eyes may cause irritation.
- Engineering controls:** Not required unless mist, smoke or vapours are produced at high temperatures.
- Personal Protection:** Goggles: Safety glasses recommended.
Gloves: Recommended, especially to avoid prolonged or repeated skin contact.
Respirator: Not required unless mist, smoke, or vapours are produced at high temperatures.
- Flammability:** Material is stable under normal conditions.

SAFE HANDLING INFORMATION

- Storage and Transport:** Segregation is not needed. Exercise ordinary care in handling chemicals.
- Spills and Disposal:** Wipe or scrape up spillage and place it in a container for disposal. Wash walking surfaces thoroughly with detergent and water to reduce slipping hazard. Many states classify lubricants as "hazardous" which means disposal only by a licenced firm. Consult local, State and Federal regulations applicable to your area.
- Fire/Explosion Hazard:** Material is stable - Hazardous polymerisation will not occur.

OTHER INFORMATION

- Chemical incompatibilities:** Strong oxidising materials
- Conditions to avoid:** Pyrolysis.
- Hazardous decomposition products:** Carbonyl fluoride, hydrofluoric acid gas, perfluorocarbon olefins, carbon monoxide and a small amount of other toxic fumes.

This product is not considered a carcinogen by any recognised source.

Prepared from the Material Safety Data Sheet supplied by Ultra Safety Systems (561) 845 1086.
Prepared/revised by: Robert Mergenthaler on May 2 1996.

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