

# MATERIAL SAFETY DATA

# Seflon

SAFETY BULLETIN  
Updated May 2014

## Polytetrafluoroethylene PTFE

### 1. Chemical Product and Company Identification

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Distributor's Name: Yureka Sdn. Bhd.  
32, Jalan Jalak 2, Taman Sri Bahtera,  
Batu 5, Jalan Cheras, 56100 Kuala Lumpur  
Tel : 03-9131 9055  
Fax : 03-9131 9056

Chemical Composition: PTFE Sheet / Rod / Tube  
Trade Name: PTFE Sheet / Rod / Tube

### 2. Composition/ Information on Ingredients

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Polytetrafluoroethylene (PTFE)	100%	CAS Number: 9002-84-0
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### 3. Physical and Chemical Properties

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Appearance: Solid White sheet / Rod / Tube  
Odour: Odorless  
Boiling Point: 400 °C  
Melting Point: 327 °C  
Flash Point : N/A  
Vapor Density: N/A  
Solubility in Water: Insoluble

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## 4. Health Hazards

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Inhalation:	Under normal circumstances not present an inhalation hazard, Harmful by inhalation the thermal decomposition substances. And control dust levels with engineering controls (local exhaust ventilation). Prevent dust inhalation with use of a (NIOSH) approved dust respirator if engineering controls are inadequate. Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid
Eyes	May cause slight eye irritation. Direct contact should be avoided to prevent physical damage Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid
Ingestion	If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid
Medical Condition aggravated by exposure	No medical conditions are known to be aggravated by these products.

## 5. Fire Fighting Measures

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General Information :	As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Non-combustible, substance itself does not burn but may decompose upon heating to produce irritating, corrosive and / or toxic fumes,
Suitable extinguishing media:	Water, CO2, Dry Chemicals, Foam-Fog
Fire / Explosion Hazards:	Negligible fire hazard when exposed to heat or flame.

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## 6. Reactivity and Stability

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Chemical Stability	: Stable under normal temperatures and pressures.
Decomposition Products	: N/A
Materials with which substance is incompatible	: None Known
Hazardous Polymerizations	: Will not occur.
Special Remarks on Reactivity	: N/A
Special Remarks on Corrosively	: N/A

## 7. Disposal Considerations

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Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

**Waste Disposal Method:** Disposal must be done as territory and / or local government regulations. Waste management information will help to receive the best result.

**Disposal of Packaging:** Dispose of according to local regulations.

## 8. Exposure Control/ Personal Protection

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Engineering Control:	Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne level below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit..
Body Protection:	General protective clothing
Protective Gloves:	General protective gloves.
Eye Protection:	Unnecessary, when necessary wear chemical goggles or face shield..
Health measures:	Local exhaust ventilations may be necessary for some operation.
PEL (OSHA)	None Established
TLV (ACGIH)	None Established

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## 9. Handling and Storage

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The regulations relating to storage apply to workshop where the product is handled:

Handling : Apply good manufacturing practice & industrial hygiene practices. Observe good personal hygiene, and do not eat, drink or smoke whilst handling. Wear protective goggles and gloves when handling material. Clean clothes must be worn. Observe all warnings and precautions listed for the product.

Storage : Store in a cool & dry area away from substances which can react with this product.