

Material Safety Data Sheet

1 Identification of the substance/preparation and of the company/under take in

Product details

.Chemical Name: Expanded PTFE Sealant Joint Tape , Expanded PTFE Sheet

.Export to: The whole world

.End Uses: Play the role of sealing

.Applicant: TEFLEX GASKET CO.,LTD

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2 Composition/information on ingredients

Chemical characterization:

Description:

Mixture: Consisting of the following components.

. Chemical Name	CAS Number	Percent	EC NO./EC index/EINECS
Polytetrafluoroethylene 90	02-84-0	100%	204-126-9

3 Hazards identification

On human and environmental hazards data:

According to Chinese standard GB16483-2000 and GB6944-1986 and GB13690-1992, the product is not classified as dangerous goods

Classification system:

According to the latest version of the Chinese standard GB6944-1986 and GB13690-1992 classification, and the company and literature data expansion.

Risk categories: Not applicable

Pathways: Swallowing

Health hazards: This product is non-toxic, but not swallow. Combustion and heating to above 260 °C during composition. The thermal decomposition products inhalation can cause poisoning. Poisoning light are manifested as fever and "flu like symptoms;" severe respiratory irritation, chemical bronchitis, pneumonia, or even pulmonary edema and myocardial damage. Long term exposure to low concentration of the pyrolysis products, often headache, dizziness, insomnia, nightmares, memory loss, fatigue, back pain. Smoking is prohibited in the workplace, the adhesion of combustion in the smoke, may have inhaled toxic pyrolysis products group division.

Environmental hazards: Not applicable.

Combustion hazard: Not applicable.



4 First aid measures

Skin contact: Harmless.

Eye contact: Harmless.

Inhalation: Not applicable. But burning or heated to higher than 260 °C generated pyrolysis product components, if the suction to remove to fresh air, keep the airway patency, if breathing is difficult, give oxygen. If not breathing, give artificial respiration. Medical treatment.

Ingestion: Immediately remove. Medical treatment.

5 Fire-fighting measures

Hazardous characteristics: No hazardous combustion products: heated above 260 °C or combustion will decompose and release fluoride gas toxic. Fire extinguishing method: as far as possible the vessels to an open area.

Extinguishing media: Water spray, foam, dry powder, carbon dioxide, sand.

Fire precautions and measures: Firefighters should be in the wind, wearing full protective gear, wearing breathing apparatus operation, preventing the inhalation of toxic gases.

6 Accidental release measures

Emergency treatment: Take to avoid sliding to and away from the fire source.

7 Handling and storage

Operation note: Smoking is forbidden in the workplace. Homework must wash the hands and face, prevent addicted to cigarettes.

Storage note: Store in a cool, ventilated warehouse. Away from fire, heat source. Should be stored separately oxidizing agent, avoid mixing reservoir. Equipped with the appropriate variety and number of fire fighting equipment.

8 Exposure controls/personal protection

Maximum allowable concentration: Not applicable

Monitoring method: No data

Engineering controls: Smoking is forbidden in the workplace.

Respiratory protection: In 260 °C or burning sites must wear air respirator

Eye protection: In 260 °C or burning site must wear safety glasses body chemistry

Body protection: Wear appropriate protective clothing.

Hand protection: Wear appropriate protective gloves.

Other protection: Work site smoking. Maintain good health habits.



9 Physical and chemical properties

Physical state and appearance:	<i>Clintheriform</i>
Odor:	<i>Odorless</i>
Colour:	<i>White</i>
Relative density(g/cm³):	<i>0.2-1.5</i>
Flash point (°C)	<i>Not applicable</i>
Solubility:	<i>Insoluble in water</i>

10 Stability and reactivity

Stability: *Stable under normal temperature, 260 °C or combustion decomposes to release fluoride gas toxic. More than 380 °C, divided solutions faster, in metal powder can burn cases. More than 420 °C, capable of decomposition.*

Avoid contact conditions: *Not applicable*

Prohibited mixture: *A strong oxidizing agent*

Hazardous polymerization: *No.*

Decomposition products: *Carbon fluoride HF, COF₂, PFIB, CO, low molecular weight.*

11 Toxicological information

Acute toxicity: *High temperature decomposition products of PFIB mice*

LC50 (median lethal concentration) 6Hr0.5ppm; LD50(median lethal dose)

1250MG/KG.

Acute poisoning: *No data.*

Chronic poisoning: *No data.*

Irritation: *No data.*

Subacute and chronic toxicity: *No data.*

Teratogenicity: *No data.*

Carcinogenicity: *No data.*

12 Ecological information

Eco toxicological toxicity: *No data.*

Chronic poisoning: *No data.*

Biological degradation: *No data.*

Non biodegradable: *No data.*

Bioconcentration or bioaccumulation: *No data.*

13 Disposal considerations

Waste property: *Hazardous waste*

Waste disposal method: *Special container storage, discarded or buried deep.*



Disposal considerations: *Not burning.*

14 Transport information

· Land transport ADR/RID (cross-border):	
· ADR/RID class:	<i>Not controlled under ADR (Europe).</i>
· Danger code (Kemler):	-
· UN-Number:	-
· Hazard label:	-
· Description of goods:	-
· Maritime transport IMDG:	
· IMDG Class:	-
· UN Number:	-
· Label	-
· Packaging group:	-
· EMS Number:	-
· Marine pollutant:	<i>NO</i>
· Proper shipping name:	-

Packaging: *plastic case and bag, packaging carton.*

Note: *to prevent the impact of transport and wet.*

15 Regulatory information

Regulations on safety management of hazardous chemicals (in February 17, 1987 the State Council issued), the detailed rules for the implementation of regulations on safety management of hazardous chemicals (of the Lao [1992] No. 677), the safe use of chemicals regulation workplace ([1996] Ministry of labour in No. 423) regulations, according to the dangerous chemicals safety, production, storage, transportation, loading and unloading etc. made the corresponding stipulation.

16 Other information

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