



SAFETY DATA SHEET

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier:

Product name: PTFE Seal Tape

Issue date 2014/July/01

1.2 Details of the supplier of the safety data sheet:

Company	YEU MING TAI CHEMICAL INDUSTRIAL CO., LTD. No.11, 34th Rd., Taichung Industrial Park, Taichung, Taiwan (407)
Telephone	886-4-2358-0021
Fax	886-4-2359-6963
E-mail address	ymt@www.ymt.com.tw
Responsibility for MSDS	Dr. Cherry Kuo

2. Hazards identification

- Product does not contain any hazardous ingredients. Product is not considered hazardous under normal conditions of use.

3. Composition/information on ingredients

Ingredient	CAS	Proportion
PTFE (polytetrafluoroethylene)	9002-84-0	> 99%

4. First aid measures

4.1 General advice

- No hazards which require special first aid measures. Never give anything by mouth to an unconscious person. When symptoms persist or if in doubt, seek medical advice.

4.2 Inhalation

- Move to fresh air in case of accidental inhalation of fumes from overheating or combustion. Seek medical advice if irritation develops.

4.3 Skin contact

- Wash skin with soap and water. Seek medical advice if irritation develops.

4.4 Eye contact

- May cause mechanical irritation when in contact with the eye. Remove small solid particles and rinse with water for at least 15 minutes. In all cases of eye contamination, seek medical advice as a precaution.

4.5 Ingestion



SAFETY DATA SHEET

- Not applicable

5. *Firefighting measures*

5.1. Extinguishing media

- Suitable extinguishing media: Water, carbon dioxide, powder extinguishers, foam extinguishers.

5.2. Special hazards arising from the substance or mixture

- Specific hazards during firefighting: Carbon oxides, Carbonyl fluoride, Hydrogen Fluoride. At temperatures exceeding 400°C the quantity of pyrolysis product increases rapidly and so does their toxic nature. Exposure to decomposition products may be a hazard to health.

5.3. Advice for firefighters

Special protective equipment for firefighters:

- In the event of fire, wear self-contained breathing apparatus. Wear suitable protective equipment. Wear neoprene gloves during cleaning up after a fire.
- Protect from hydrogen fluoride fumes which react with water to form hydrofluoric acid.
- Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

6. *Accidental release measures*

- Personal precautions: See section 4
- Environmental precautions: No special requirements.

7. *Handling and storage*

7.1 Handling: No special precautions are necessary when handling the material in its finished form. However, whenever further processing of the product is undertaken, dust may be generated. See Section 8.

7.2 Storage: Store in clean, dry place away from highly flammable materials. Normal washing after handling is recommended prior to any other activities. Excessive heat in the storage area may diminish the product's performance in its intended application.

8. *Exposure controls/personal protection*



SAFETY DATA SHEET

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace: Not required.

8.2 Exposure controls

- Ventilation requirements: No special requirement under normal conditions of use.
- Biological Limit Value: No Biological Limit Value allocated.
- Personal Protective Equipment: No special precautions necessary when handling the material in its finished form.

9. Physical and chemical properties

Colour	: White
Form	: Sheet
Odour	: Odourless
pH	: Not applicable
Vapour Pressure	: Not applicable
Boiling Point	: Not applicable
freezing Point	: Not applicable
Melting range	: 327-342°C
Flashpoint	: Not applicable
Solubility (water)	: Insoluble

10. Stability and reactivity

- Reactivity: No decomposition if stored and applied as directed.
- Chemical stability: The product is chemically stable.
- Possibility of hazardous reactions: Stable under normal conditions.
- Conditions to avoid: No further relevant information available.
- Incompatible materials: No further relevant information available.
- Hazardous decomposition products: Move to fresh air in case of accidental inhalation of fumes from overheating or combustion. Seek medical advice if irritation develops.

11. Toxicological information

11.1 Information on toxicological effects

- Acute toxicity: No data
- Additional toxicological information: When used and handled according to specifications, the product does not have any harmful effects based on our experience



SAFETY DATA SHEET

and the information provided to us.

12. Ecological information

12.1 Toxicity

- Toxicity to fish

Polytetrafluoroethylene

The substance is a polymer and is not expected to produce toxic effects.

12.2 Persistence and degradability: No data available

12.3 Bioaccumulative potential: No data available

12.4 Mobility in soil: No data available

12.5 Other adverse effects: No data available

13. Disposal considerations

13.1 Disposal methods

Like most thermoplastic plastics the product can be recycled. If recycling is not practicable, dispose of in compliance with local regulations.

14. Transport information

UN number: Not applicable

15. Regulatory information

15.1 Safety, health and environmental regulations

- Keep away from heat.
- When using do not smoke.

16. Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.