

## Material Safety Data Sheet

### PRODUCT NAME: PTFE TAPE

#### SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Manufacturer:**

J & C Plumbing Enterprises Limited  
No.139, Building 21, Chuangxin 128, No.818 Qiming Road, Yinzhou Investment & Business Zone,  
Ningbo 315105, China  
Telephone: +86-574-88381009  
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**Product identifier:**

Product name: PTFE TAPE  
Recommended use: PTFE TAPE for hydraulic use, electrical cables, industrial products

#### SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

Hazardous Ingredients Percentage: None

Other Ingredients:	CAS	%
Polytetrafluoroethylene	9002-84-0	99.9

#### SECTION 3: HAZARD IDENTIFICATION

POTENTIAL HEALTH EFFECTS:

EYE: No harmful effects anticipated for product.

SKIN CONTACT: No harmful effects anticipated for product.

SKIN ABSORPTION: Skin absorption is unlikely due to the physical properties of the product.

INGESTION: No harmful effects anticipated for product.

INHALATION: Inhalation is unlikely due to the physical properties of the product.

Target Organ Systemic Toxicity - Single Exposure: Not Classified

Target Organ Systemic Toxicity - Repeated Exposure: Not Classified

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## **SECTION 4: FIRST AID MEASURES**

**INHALATION:** Unlike route of entry for product. If exposed to fumes from overheating or combustion, move to fresh air. Consult of physician if symptoms persist.

**SKIN CONTACT:** This product is not likely to be hazardous by skin contact, but if redness or itching develops, then cleansing the skin with water is advisable.

**EYE:** Unlikely route of entry for product. If mechanical irritation occurs, flush eyes with plenty of water. Consult a physician if symptoms persist.

**INGESTION:** Unlikely route of entry for product. Consult a physician if necessary.

**NOTE TO PHYSICIAN:** Inhaling fumes of decomposition products can induce temporary influenza-like symptoms which are describe as polymer fume fever. These symptoms include fever, cough and malaise.

## **SECTION 5: FIRE FIGHTING MEASURES**

**FLASH POINT:** Does not flash

**METHOD:** Open cup

**AUTOIGNITION TEMPERATURE:** Not available  
Applicable

**FLAMMABILITY LIMITS:** Not

**EXTINGUISHING MEDIA:** Water, foam, dry chemical, or CO<sub>2</sub>.

**FIRE AND EXPLOSION HAZARDS:** PTFE will burn in an atmosphere of 95% Oxygen when an ignition source is

present. Hazardous gases/vapors product in a fire are hydrogen fluoride (HF) carbonyl fluoride, perfluoroolefins, carbon monoxide, and low molecular weight fluorocarbons.

**FIRE EXTINGUISHING EQUIPMENT:** Wear self-containing breathing apparatus. Wear full protective equipment. Protect from hydrogen fluoride fumes which react with water to form hydrofluoric acid. Wear neoprene glove when handling refuse from a fire involving PTFE.

## **SECTION 6: ACCIDENTAL RELEASE MEASURE**

Sweep to avoid slipping hazard.

## **SECTION 7: HANDLING AND STORAGE**

**Handling:** Usual protective clothing must be worn. Avoid to use material at high temperature(260°C) and care should be taken to prevent inhalation of fume when using do not smoke.

**Storage:** Extra care should be taken to prevent burns from contact with hot material, contact with hot surface and with naked flames.

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## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

No special personal protection or exposure controls are indicated for this product except those mentioned in section 5.

## **SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

Melting Point:	330°C
Water Solubility:	Insoluble
Odor:	None
Appearance:	Nature white or transparent
Specific Gravity:	0.25-2.15g/cm <sup>3</sup>

## **SECTION 10: STABILITY AND REACTIVITY**

Stability:	Stable at normal temperature and storage conditions
Hazardous Polymerization:	Will not occur
Incompatibility:	Reacts with molten alkali metals and interhalogen compounds
Hazardous Decomposition Products:	Above 330°C this product may evolve toxic gaseous material such as hydrogen fluoride (HF) carbonyl fluoride, perfluoroolefins, carbonmonoxide and low molecular weight fluorocarbons. Particulate matter evolved from overheating may cause polymer fume fever.

## **SECTION 11: ECOLOGICAL INFORMATION**

### **Ecological Data**

Ingredient Name: Polytetrafluoroethylene  
Food Chain Concentration Potential N/D  
Waterfowl Toxicity N/D  
BOD N/D  
Aquatic Toxicity N/D

## **SECTION 12: DISPOSAL CONSIDERATIONS**

**Waste Classification:** Non-regulated solid waste.

**Disposal Method:** Dispose of in accordance with local, state and federal regulations.

## **SECTION 13: TRANSPORTATION INFORMATION**

DOT: Non-regulated  
Ocean : Non-regulated

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## **SECTION 14: REGULATORY INFORMATION**

### **Regulatory Data**

Ingredient Name: Polytetrafluoroethylene

SARA 313 No

TSCA Inventory Yes

CERCLA RQ N/A

RCRA Code N/A

### **Version #**

Foreverseal cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.