

# MSDS-DATA SHEET

## 1. CHEMICAL PRODUCT/COMPANY IDENTIFICATION

### Trade name

PET film

Application of the substance: Food packing & Metallizing & Printing

### Company Identification

Company name: JIANGSU SELEXIBLE PLASTIC CO., LTD

Address: No. 16 Fengxiang Rd, Wujin District, Changzhou City, Jiangsu, China

### Telephone Numbers

+86-13706124465

## 2. COMPOSITION/INFORMATION ON INGREDIENTS

Serial No	Chemical Name	CAS.No	Content
1	Polyethylene Terephthalate	25038-59-9	99.95%

The product does not contain any hazardous substances according to the EU Directives 1907/2006.

## 3. HAZARDS IDENTIFICATION

### Emergency Overview

This product, as shipped, is not considered hazardous as defined by the OSHA Hazard Communication Standard (29CFR 1910.1200).

### Potential Health Effects:

No specific danger is associated to the normal industrial utilisation of the product. However, Burning the PET film may produce carbon monoxide and oxides of antimony. Carbon monoxide can cause carbon monoxide poisoning. Freshly produced antimony oxide can cause metal fume fever.

### Carcinogenicity Information

None of the components in the PET film at greater than 0.1% are listed by IARC, NTP, OSHA or ACGIH as a carcinogen.

## 4. FIRST AID MEASURES

Inhalation: No specific treatment is necessary since Polyethylene Terephthalate is not likely to be hazardous by inhalation. If exposure results from burning, remove to fresh air and get medical attention immediately if dizziness or nausea occurs.

Eyes: No specific treatment is necessary under normal situations.

Skin: No specific treatment is necessary. Generally the product is not irritating to the skin.

Ingestion: Immediately consult doctor and take appropriate measures.

## 5. FIRE FIGHTING MEASURES

### Flammable Properties

- Flashpoint: Not applicable. Material will burn in a fire.
- Lower Explosive Limit: Not Applicable.
- Upper Explosive Limit: Not Applicable.

- Autoignition Temperature: > 400°C
- Hazardous Combustion Products: developing H<sub>2</sub>O, CO<sub>2</sub> and in case of oxygen defect, also CO, the fire products are irritant and toxic.
- Unusual Fire and Explosion Hazards: Accumulation of dust could present a fire hazard.

**Fire Fighting Media**

Water spray or fog, CO<sub>2</sub>, dry chemical or foam.

**Fire Fighting Instructions**

As in any fire, wear MSHA/NIOSH approved, pressure-demand, self-contained breathing apparatus and full protective bunker gear.

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## 6. ACCIDENTAL RELEASE MEASURES

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**Safeguards**

No protective measures required unless the PET film is involved in a fire. See section 5 if this is the case.

**Environmental precautions**

Do not allow to enter sewers/surface or ground water.

**Methods and material for containment and cleaning up**

Pick up mechanically

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## 7. HANDLING AND STORAGE

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No special requirements for handling or storage, other than to store away from high temperature and combustion source.

Should be stored in a well-ventilated place, and avoid high humidity and extreme temperature conditions.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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**Physical management methods**

Proper exhaust at room temperature

**Personal Protective Equipment**

Eye Protection: Safety glasses, preferably with side shields, should be worn with normal handling.

Skin Protection: None should be needed.

Respiratory Protection: Suitable respiratory protective device recommended.

Protection of hands: Protective gloves

The glove material has to be impermeable and resistant to the product/the preparation/the substance.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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**Physical Data**

Odor : Odorless

Form : Film

Color: Colorless

Odour threshold : Not available

Melting Point : 260°C (500° F)

Freezing point: Not available

pH : Not applicable

Flash point : Not available

Boiling Point : Not applicable

Flammability(solid,gaseous): Not available

Auto-Ignition temperature: Not available

Decomposition temperature: Not available

Vapor pressure: Not available

Density: 1.4g/cm<sup>3</sup> (11.683lbs/gal)

Relative density: Not available

Vapour density: Not available  
Evaporation rate: Not available  
Solubility in/Miscibility with  
Water: Not available  
Viscosity:  
Dynamic: Not available

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## 10. STABILITY AND REACTIVITY

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### Chemical Stability

Stable under normal temperatures and pressures.

### Conditions to Avoid

No further relevant information available.

### Incompatibility with Other Materials

No further relevant information available

### Decomposition

Hazardous decomposition products: No dangerous decomposition products known.

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## 11. TOXICOLOGICAL INFORMATION

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Acute toxicity(LD50): Not available

Primary irritant effect:

On the skin: No irritant effect.

On the eye: No irritant effect.

Sensitization: No sensitizing effects known.

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## 12. ECOLOGICAL INFORMATION

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### Ecotoxicological Information

**Aquatic toxicity:** No further relevant information available

**Persistence and degradability:** No further relevant information available

**Bioaccumulative potential:** No further relevant information available

**Mobility in soil:** No further relevant information available

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## 13. DISPOSAL CONSIDERATIONS

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### Waste Disposal

Recommendation: Smaller quantities can be disposed of with household waste.

Chemical additions, processing or otherwise altering this material could, however, change this status.

State and local regulations should be reviewed prior to disposal.

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## 14. TRANSPORTATION INFORMATION

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### Shipping Information

Department of Transportation (DOT): Not regulated

International Civil Aviation Organization (ICAO) Classification: Not regulated

International Maritime Dangerous Goods (IMDG) Classification: Not regulated

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## 15. REGULATORY INFORMATION

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### U.S. Federal Regulations

- Non-hazardous chemical according to OSHA Regulation 29 CFR 1910.1200

- Toxic Substances Control Act (TSCA): All components listed on inventory.
  - Subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act (SARA) of 1986 and 40 CFR Part 372: No
  - SARA Sections 311 and 312 hazard classification: None
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## **16. OTHER INFORMATION**

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NFPA, NPCA-HMIS

NFPA Ratings:

Health : 1

Flammability : 1

Reactivity : 0

NPCA-HMIS Ratings

Health : 0

Flammability : 0

Reactivity : 0

Notice: NFPA and MHIS ratings involve data and interpretations that may vary from company to company and are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all information contained in this MSDS must be considered.

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