

# Material Safety Data Sheet (MSDS)

Product Name: PVC Strip Curtain (Polyvinyl Chloride Strip Curtain)

Manufacturer/Supplier: JIANGSU SELEXIBLE PLASTIC CO., LTD

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Product Code: --

## 1. PRODUCT IDENTIFICATION

Product Name: PVC Strip Curtain

Common Use: Industrial door curtain, cold storage partition, dust control barrier

Chemical Family: Polyvinyl Chloride (PVC) Polymer

CAS No.: 9002-86-2 (for PVC)

Additives (if any): Plasticizers (e.g., Phthalates), Stabilizers, Pigments

## 2. HAZARDS IDENTIFICATION

Potential Hazards:

Inhalation: Low risk under normal conditions. Dust or fumes from overheating may cause respiratory irritation.

Skin Contact: Generally non-irritating, but prolonged contact may cause mild irritation.

Eye Contact: May cause mechanical irritation (due to rigid strips).

Ingestion: Not expected to be hazardous, but not intended for consumption.

Fire Hazard: PVC can release toxic gases (hydrogen chloride, dioxins) when burned.

GHS Classification (if applicable):

Not classified as hazardous under normal use.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Concentration (%)	Hazards
Polyvinyl Chloride (PVC)	9002-86-2	70-90%	May release HCl if burned
Plasticizers (e.g., DEHP, DINP)	Varies	10-30%	Possible endocrine disruptor (long-term exposure)
Stabilizers (e.g., Calcium-Zinc)	Varies	1-5%	Low toxicity
Pigments (if colored)	Varies	<1%	Generally non-hazardous

## 4. FIRST-AID MEASURES

Inhalation: Move to fresh air. Seek medical attention if irritation persists.

Skin Contact: Wash with soap and water.

Eye Contact: Rinse with water for 15 minutes. Consult a doctor if irritation continues.

Ingestion: Rinse mouth, drink water. Do NOT induce vomiting. Seek medical advice.

## 5. FIRE-FIGHTING MEASURES

Extinguishing Media: CO<sub>2</sub>, dry chemical, foam. Do NOT use water jets (spreads molten PVC).

Hazardous Combustion Products: Hydrogen chloride (HCl), carbon monoxide (CO), dioxins.

Protective Equipment: Self-contained breathing apparatus (SCBA) for firefighters.

## **6. ACCIDENTAL RELEASE MEASURES**

Spill Handling: Collect solid pieces, dispose of as plastic waste. Avoid creating dust.

Environmental Precautions: Prevent entry into drains or waterways.

## **7. HANDLING AND STORAGE**

Handling: Use gloves if sharp edges are present. Avoid excessive heat (>60°C).

Storage: Keep in a cool, dry place away from open flames.

## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Ventilation: Normal room ventilation sufficient.

PPE: Safety glasses & gloves recommended during cutting/installation.

## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Property	Value
Appearance	Flexible PVC strips
Color	Transparent/colored (as specified)
Odor	Odorless (unless additives present)
Melting Point	~160-210°C (varies with formulation)
Density	1.3-1.4 g/cm <sup>3</sup>

## **10. STABILITY AND REACTIVITY**

Stable under normal conditions.

Hazardous Decomposition: Above 200°C, releases HCl gas.

## **11. TOXICOLOGICAL INFORMATION**

PVC itself is low toxicity.

Plasticizers (e.g., phthalates): Potential long-term health effects with prolonged exposure.

## **12. ECOLOGICAL INFORMATION**

Not readily biodegradable.

Avoid incineration (toxic fumes).

## **13. DISPOSAL CONSIDERATIONS**

Recycle if possible (check local PVC recycling programs).

Landfill disposal permitted where recycling is unavailable.

## **14. TRANSPORT INFORMATION**

Not regulated as hazardous for transport.

## **15. REGULATORY INFORMATION**

EU REACH: Some plasticizers may require registration.

RoHS: Compliant unless containing restricted phthalates.

## **16. OTHER INFORMATION**

This MSDS covers general PVC strip curtains. Specific formulations may vary.

For further details, contact:

JIANGSU SELEXIBLE PLASTIC CO., LTD

江苏喜莱仕塑胶有限公司

Registration No.: 91320412MA20TLRX8Y

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

Contact: MIAO

E-mail: sale@selexible.cn

Tel: +86-15600580287

Website: [www.selexibleplastic.com/](http://www.selexibleplastic.com/)