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## Section 1- Chemical Product and Company Identification

Product Name: Cast Stretch Film

**Product Use:** Wrapping and Packaging

**Other Designations:** Odourless, Plain / Colour film

### Manufacturer/Supplier

**BP PLASTICS SDN. BHD.**

(A wholly-owned subsidiary of BP Plastics Holding Bhd.)

5A, Jalan Wawasan 2,

Kaw. Perindustrian Sri Gading,

83300 Batu Pahat, Johor, Malaysia.

Tel: +607-4557633, Fax: +607-4557699

<http://www.bpplas.com>

## Section 2- Hazard Identification

### Emergency Overview

Solid. Plain / Colour film. Odorless. Material will burn if ignited. Dust or fines dispersed in the air can cause explosive

Dust can cause mechanical irritation of eyes, skin and respiratory tract. Contact with molten material can cause thermal burns.

### Potential Health effects

**Material is essentially non-toxic. If dusts or fumes are generated by processing:**

#### Eyes

Can cause mechanical irritation

#### Skin

Can cause mechanical irritation. Contact with molten material can cause thermal burns.

#### Ingestion


Can cause irritation and intestinal obstruction

#### Inhalation

Can cause irritation of upper respiratory tract. Can cause suffocation if misuse.

### Medical Conditions Aggravated By Over Exposure to the Product

Asthma, chronic lung disease and skin rashes.

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### Section 3- Composition/ Information on Ingredients

CAS #	Component	Percent
9002-88-4	Polyethylene	90 - 100
	Colour additive	0 - 10
	Additive	0 - 0.5

### Section 4 - First Aid Measures

#### First Aid: Eyes

Flush eyes with plenty of water or saline for at least 15 minutes. Consult physician.

#### First Aid: Skin

Wash skin with soap and water for at least 15 minutes. Consult a physician if irritation persist. If molten material gets on skin, cool rapidly with cold water. Do not attempt to peel material from skin. Get medical treatment for thermal burn.

#### First Aid: Ingestion

Do not induce vomiting. Consult a physician immediately.

#### First Aid: Inhalation

Remove to fresh air. If unconscious or severely injured, check for clear airway, breathing and presence of pulse. Perform CPR if there is no pulse or respiration. Consult a physician.

### Section 5 – Fire Fighting Measures

#### Flammable/ Combustible Properties

While not considered “flammable” or “combustible” as defined by OSHA, the material will burn if ignited.

#### Fire/ Explosion


Dust or fines dispersed in the air can be explosive

#### Extinguishing Media

Use dry chemical, water spray (fog), alcohol-resistant foam or carbon dioxide extinguishing agents. Manual fire fighting may be difficult due to the presence of thick smoke.

#### Fire Fighting Equipment/ Instructions

Fire fighters should wear NIOSH approved, positive pressure, self-contained breathing apparatus and full protective clothing when appropriate.

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## Section 6 – Accidental Release Measure

### Small/ large Spill

Collect scrap for recycling.

## Section 7 – Handling and Storage

### Handling / Storage

Avoid generating dust. Store away from heat, sparks, flames, oxidizers and other incompatible substances. Product can accumulate static charges and act as an ignition source in the presence of flammable materials.

Products are recommended to be used in six months from manufacturing date, provided that they are stored under following conditions:

- In the original unopened package
- Inside, away from sunlight and external heat sources
- At ambient temperature
- In a dry environment

## Section 8 – Exposure Controls/ Personal Protection

### Engineering Controls

Use with adequate ventilation

### Personal Protective Equipment

Where contact may occur with hot material, wear thermal resistant gloves, arm protection, and a face shield.

### Respiratory Protection


Avoid misuse which can cause suffocation

### Eye Protection

Not Applicable

### Skin Protection

Not Applicable

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## Section 9 – Physical and Chemical Properties

<b>Physical State:</b>	Solid, film	<b>Solubility in Water:</b>	Insoluble
<b>Appearance:</b>	Plain / Colour film	<b>Specific Gravity:</b>	0.92
<b>Flash Point:</b>	Not Applicable	<b>Odor:</b>	Odorless
<b>Boiling Point:</b>	Not Applicable	<b>pH Level:</b>	Not Applicable
<b>Melting Point:</b>	239-265°F (115-129°C)	<b>Odor Threshold:</b>	Not Applicable
<b>Vapour Pressure:</b>	Not Applicable	<b>Octanol-Water Coefficient:</b>	Not Applicable
<b>Density:</b>	See Specific Gravity		

## Section 10 –Chemical Stability & Reactivity Information

### Stability

Stable under normal conditions of use, storage and transportation. Temperature over 650°F (343°C) will result in resin degradation and decomposition.

### Condition to Avoid

Strong oxidizing agents, fluorine, heat and ignition sources.

### Hazardous Decomposition

Carbon monoxide, carbon dioxide, partially oxidized organics and flammable hydrocarbons.

## Section 11 –Toxicological Information

### Health Effects of Ingredients


**A: General Product Information:** No information available for product

**B: Component Analysis:** Polyethylene (9002-88-4)  
Inhalation LC50 Mouse: 12g / m<sup>3</sup>/ 30m

### Carcinogenicity

**A: General Product Information:** No information available for product

**B: Component Analysis:** Polyethylene (9002-88-4)  
IARC Supplement 7, 1987; Monograph 19, 1979

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## Section 12 –Ecological Information

### Ecotoxicity

**A: General Product Information:** No information available for product

**B: Component Analysis – Ecotoxicity – Aquatic toxicity**

No ecotoxicity data was found for this product's components.

## Section 13 –Disposal Consideration

### Disposal Instructions

Reuse or recycle material whenever possible (**under Plastic Recycling Symbol 4 LLDPE**). Material may be disposed of at sanitary landfill.

## Section 14 –Transportation Information

### Land

This product is not restricted / regulated for road/rail transport.

### Sea - IMDG (Packaged goods and BLCs)

This product is not regulated for sea transport.

### Air (ICAO/IATA)

This product is not regulated for air transport.


## Section 15 –Regulatory Information

### Classification and Labelling According To EC Directives

**Classification Symbol:** NOT REGULATED

### Governing Directive:

According to the EC Directives, the product does not require classification and labelling

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## Section 16 – Other Information

- National Fire Protection Association standards NFPA 654 and 68 indicate possible explosion hazard of dust particles. Conform accordingly.
- Avoid accumulation of dust or dust clouds; operate handling and storage systems leak free, practice good housekeeping.
- Keep from sources of ignition. Do not store near heat, flame, or strong oxidants.
- Assure proper electrical grounding of all handling equipment.
- Product may also contain varying levels of additives, such as slip and antiblocking agents (talc or silica), antioxidants, stabilizers, and corrosion inhibitors.

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