

Code:	SDS-5
Review Date:	01/22/2019
Revision Date:	0
Revision No:	-

## Metalized BOPP FILM

In accordance with Regulation COMMISSION REGULATION (EU) No 453/2010

### 1. Product and company identification

<b>Product Identification:</b>	Metalized BOPP film
<b>Synonym:</b>	Bi axially oriented Polypropylene (BOPP)
<b>Recommended Use:</b>	Flexible Packaging
<b>Manufacturer:</b>	POLILUX
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<b>Tel:</b>	(+90) 282 686 70 00
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<b>Email:</b>	RD@polilux.com
<b>Web site:</b>	www.polilux.com
<b>Emergency First Aid Center :</b>	112
<b>Poison Information Center :</b>	114

### 2. Hazard(s) Identification

<b>Classification of substances and mixtures:</b>	According to the Regulation (EC) No 1272/2008, this product does not contain a danger sign.
<b>Label elements:</b>	There is no obligation to label according to Regulation (EC) No 1272/2008
<b>Other hazards:</b>	No

### 3. Composition/Information on Ingredients

Component name:	Cas No	Proportion (%)
Polypropylene	9003-07-0	90-95
Silica	7631-86-9	<1.0
Aluminum	7429-90-5	<1.0

**Classification according to Regulation (EC) No 1278/2008 :** Non-classified

### 4. First aid measures

#### Description of first aid measures

##### General Suggestion:

At room temperature the product is not irritating and dangerous.

##### Inhalation:

In case of exposure to high temperatures, remove to fresh air. If necessary, consult a doctor.

##### Skin contact:

Direct contact with skin does not cause irritation. If the melt comes into contact with the material, it must be cooled and cleaned immediately.

##### eye contact:

Polypropylene flakes and dust particles are not dangerous. May cause eye irritation due to mechanical movement. In case of contact with eyes, rinse immediately with plenty of water. If the problem persists, consult a doctor.

##### If swallowed

No adverse effects are expected if swallowed. Consult a doctor if necessary.

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### 4. First aid measures

#### Most important symptoms and effects, both acute and delayed

Known symptoms and effects are indicated on the label (see section 2 and / or section 11)

#### Indication of any immediate medical attention and special treatment needed

No data available

### 5. Fire-fighting measures

#### Extinguishing media

**Suitable extinguishing media:** water spray (mist) only to cool the surfaces exposed to the fire.  
CO<sub>2</sub>, Halon, AFFF (Aqueous Film-Forming Foam) Foam.

**Unsuitable extinguishing media:** Do not use water jets for fire fighting. May cause flames to spread.

#### Special hazards arising from the substance or mixture:

If exposed to flames, burns and harmful fumes. It is possible to form carbon monoxide, carbon dioxide, hydrocarbons and aldehydes.

#### Advice for firefighters:

If necessary, use a full mask with oxygen cylinder to extinguish fire.

#### Additional information:

No data available.

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures:

The fire source must be prevented. In order to prevent the personnel from slipping, the films should be collected. Protective goggles and gloves should be used when cutting and stripping the film.

#### Environmental precautions:

Disposal should be avoided.

#### Methods and materials for cleaning and spreading:

Put in the labeled container and store in a safe manner.

#### Reference to other sections:

See section 13 for waste disposal.

### 7. Handling and storage

#### Precautions for safe handling:

No additional measures are necessary at room temperature. It is necessary to collect the spill to prevent the fall.

#### Storage:

Keep away from heat. It should not come in contact with direct sunlight and UV. The temperature should be between 10-30 °C. No smoking should be done in the storage environment and the ground must be grounded.

#### Specific end uses:

No use is foreseen except as described in section 1.

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### 8. Exposure Controls/Personal Protection

**Control parameters:**

Working area control parameters are not applied.

**Exposure controls:**

Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of the day.

**Personal protective equipment:**

Eye / face protection

Use glasses during cutting and stripping. Use a protective face shield to contact the hot melt.

**Skin protection:**

Use gloves during cutting and stripping. Use heat-resistant gloves and clothing to contact the hot melt.

**Respiratory protection:**

Adequate ventilation conditions should be ensured when the material is heated or when smoke is observed.

The system for collecting the vapor to be generated during the operation should be used.

**Environmental exposure control:**

Disposal should be avoided.

### 9. Physical and Chemical Properties

**Information on basic physical and chemical properties**

**a) Appearance :**

Form: plastic film

Physical state at 20 °C: solid

color: Metalized

**b) Odor:**

Odorless

**c) Odor Threshold:**

No data available

**d) pH:**

No data available

**e) Melting point / Freezing point:**

160-165 °C

**f) Initial boiling point and boiling range:**

No data available

**g) Flash point:**

350 °C

**h) Evaporation point:**

No data available

**i) Flammability (solid, gas):**

No data available

**j) Upper / lower flammability or explosion limits:**

No data available

**k) Vapor pressure:**

No data available

**l) Vapor density:**

No data available

**m) Relative density:**

0,91 gr / ml

**n) Water solubility:**

Insoluble

**o) Partition coefficient (n-octanol / water):**

No data available

**p) Auto-ignition temperature:**

>380°C

**q) Decomposition temperature:**

> 400 °C

**r) Viscosity:**

No data available

**s) Explosive properties:**

No data available

**t) Oxidizing properties:**

No data available

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### 10: Stability and Reactivity

<b>Reactivity:</b>	Stable under recommended storage conditions
<b>Chemical stability:</b>	Stable under recommended storage conditions
<b>Possibility of hazardous reactions:</b>	Hazardous reactions are not known
<b>Conditions to avoid:</b>	Stable under recommended storage conditions
<b>Incompatible materials:</b>	Strong oxidizing agents
<b>Hazardous decomposition products:</b>	
Other decomposition products	No data available
During the fire	see Section 5

### 11. Toxicological information

#### Information on toxicological effects

<b>Acute toxicity:</b>	No data available
<b>Skin corrosion / irritation:</b>	No irritating effect
<b>Serious eye damage / irritation:</b>	No irritating effect
<b>Respiratory or skin sensitization:</b>	No irritating effect
<b>Germ cell mutagenicity:</b>	No data available
<b>Carcinogenicity:</b>	No content of this product found at a rate of 0.1% or more is defined by IARC as a probable or approved carcinogen.
<b>Infertility effect:</b>	No data available
<b>Specific target organ toxicity - single exposure:</b>	No data available
<b>Specific target organ toxicity - repeated exposure:</b>	No data available
<b>Aspiration toxicity:</b>	No data available
<b>Additional info:</b>	RTECS: no data available

### 12. Ecological information

<b>Toxicity:</b>	The product is not toxite
<b>Persistence and degradability:</b>	The product is not biodegradable
<b>Bioaccumulative potential:</b>	No bioaccumulation potential
<b>Mobility in soil:</b>	The product is not moving in soil
<b>Results of PBT and vPvB assessment:</b>	PBT / vPvB assessment; Chemical safety assessment is not available because it is not required / applied.
<b>Other adverse effects:</b>	No data available

### 13. Waste treatment methods

**Product:** The product is reusable and recyclable according to official regulations. Disposal must be carried out according to regulations.

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### 14. Transport information

<b>UN number:</b>	ADR / RID: Not applicable	IMDG: Not applicable	ATA: Not applicable
<b>UN proper shipping name:</b>	ADR / RID: Not applicable	IMDG: Not applicable	ATA: Not applicable
<b>Transport hazard classes:</b>	ADR / RID: Not applicable	IMDG :Not applicable	ATA: Not applicable
<b>Packaging group:</b>	ADR / RID: Not applicable	IMDG: Not applicable	ATA: Not applicable
<b>Environmental hazards:</b>	ADR / RID: Not applicable	IMDG: Not applicable	ATA: Not applicable
<b>Special precautions for user:</b>	No data available		

### 15. Regulatory information

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

**Chemical Safety Assessment:** No chemical safety assessment has been carried out for this product

### 16. Other Information

#### Additional info:

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