

Code:	FD08-00
Review Date:	13/04/2019
Revision Date:	0
Revision No:	-

Metalized BOPET FILM

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

1. Product and company identification

Product Identification:	Transparent BOPET film
Synonym:	Bi axially oriented Polyethylene terephthalate (BOPET)
Recommended Use:	Flexible Packaging
Manufacturer:	PETCO
Head Office:	No. 6, Riahi St , Karaj Makhsous Road, Azadi sq ,Tehran - Iran
Tel:	(+98) 2144634400 - 7
Fax:	(+98) 2144640224
Email:	RD@polfilm.net
Web site:	www.polfilm.net
Emergency First Aid Center :	115
Poison Information Center :	1490

2. Hazard(s) Identification

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

3. Composition/Information on Ingredients

Component name:	Cas No	Proportion (%)
polyethylene terephthalate	25038-59-9	>98.0
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:

Polyethylene Terephthalate 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. CO₂, 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:Transparent

b) Odor:

Odorless

c) Odor Threshold:

No data available

d) pH:

No data available

e) Melting point / Freezing point:

255-265 °C (Co polyester layer or coatings can melt at lower temperatures.)

f) Initial boiling point and boiling range:

No data available

g) Flash point:

440 °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:

1.3-1.4 gr/ml

n) Water solubility:

Insoluble

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

No data available

p) Auto-ignition temperature:

> 480°C

q) Viscosity:

No data available

r) Explosive properties:

No data available

s) Oxidizing properties:

No data available

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10: Stability and Reactivity

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

11. Toxicological information

Information on toxicological effects

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

12. Ecological information

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

UN number:	ADR / RID: Not applicable	IMDG: Not applicable	ATA: Not applicable
UN proper shipping name:	ADR / RID: Not applicable	IMDG: Not applicable	ATA: Not applicable
Transport hazard classes:	ADR / RID: Not applicable	IMDG :Not applicable	ATA: Not applicable
Packaging group:	ADR / RID: Not applicable	IMDG: Not applicable	ATA: Not applicable
Environmental hazards:	ADR / RID: Not applicable	IMDG: Not applicable	ATA: Not applicable
Special precautions for user:	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:

The data in this Material Safety Data Sheet is believed to be accurate, it is not claimed that it covers all aspects and should only be used as a guide.

The information in this document is given on the basis of our current knowledge and records and It can be used for the relevant product provided that necessary and appropriate measures are taken.

This information herein shall not be construed as giving any guarantee of the properties of the product concerned.

PETCO company cannot be held liable for any loss or damage resulting from the transportation, processing or contact of the product.