

1. IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

Product identifier: MELPET™

Use: Filter for tea and coffee

Manufacturer: **OHKico.,LTD.**

Address: 6-6, Minamikyuhoji-machi 3-chome,
Chuo-ku, Osaka 541-0058, JAPAN

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Emergency telephone: +81-6-6282-4707 (09:00~17:00 UTC+9)

2. HAZARDS IDENTIFICATION

Classification: Not classified in Regulation (EC) No 1272/2008 and Directive 1999/45/EC

Label:

GHS classification: Not classified in GHS

Physico-chemical properties: Combustible, but no expected hazards under usual usage/storage

Properties affecting health: No expected hazards to human health under usual usage/storage

Environmental properties: No expected hazards to the environment under usual usage/storage

Others: Slight static electricity could be evolved by friction

3. COMPOSITION/INFORMATION ON INGREDIENTS

Product:	Mixture		
	Chemical Name	Formula	CAS No.
	Polyethylene terephthalate	$[\text{COC}_6\text{H}_4\text{COOC}_2\text{H}_4\text{O}]_n$	25038-59-9
	CO-PET	—	—
	Polypropylene	$[\text{CH}_2\text{CHCH}_3]_n$	9003-07-0
	Ethylene-propylene copolymer	$[\text{CH}_2\text{CHCH}_3]_m[\text{CH}_2\text{CH}_2]_n$	—

4. FIRST AID MEASURES

In case of inhaling: No expected hazards to human health in case of inhaling

In case of touching to bare skin: At normal state: No expected hazards
At melting state: Immediately run cold and clean water over the burn. If there is melting or staying resin on skin, send to medical treatment.

In case of getting into eyes: Immediately run clean water over eyes

In case of swallowing: It is unlikely to be swallowed. If in such case, send to medical treatment.

5. FIREFIGHTING MEASURES

Suitable extinguishing media: General extinguishing media: water, powder extinguisher, and foam fire-extinguisher etc.

Unsuitable extinguishing media: None known

Special exposure hazards: None known

Special protective equipment for

fire-fighters: General protective equipment

6. ACCIDENTAL RELEASE MEASURES

Precautions: No expected hazards when release.

Method for removal: Keep away from fire or heat sources, then remove with general cleaning tool and collect with general disposal bag.

7. HANDLING AND STORAGE

Handling: During the production process, slight static electricity could be evolved. In such case, install electrostatic eliminator in an appropriate place.

Regarding the production by heat/ultrasonic sealing, adjust machine power, tension, speed, and temperature (in case of heat-seal) for better sealing results.

Wear work clothing when handling heavy reels. Do not handle roughly (*i.e.*, dropping, dragging, giving a shock and so on).

Storage: Store at low temperature and low humidity. Avoid direct sunlight, and avoid fire and heat sources.

Set up the installations needed for general operations; *e.g.* general ventilator, general regional ventilator, general lighting window, and general illumination, etc.

Be encased and packed in a general container; *i.e.* plastic bags and cardboard boxes.

Warranty period: 1 year after delivery (This period does not refer to a use-by date, but traceability of material)

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Facilities: It is unlikely to have dust-spewing. If in such case, ventilate the workspace sufficiently.

Exposure controls: During the production process, wear work clothing and caps. Although it is unlikely to have hazards to operator's body, wear the equipment as necessary; dust masks, safety shoes, protective clothing, gloves, goggles and so on.

After operation, wash hands and gargle.

9. PHYSICAL AND CHEMICAL PROPERTIES

General information	Appearance:	Nonwoven
	Colour:	Colourless *It appears as white by reflecting light.
	Odour:	Odourless

Important health, safety and environmental information	pH	None known	
	Boiling point/boiling range:	None known	
	Flash point:	None known	
	Flammability (solid, gas):	Possible	
	Explosive limits:	None known	
	Explosive properties:	No explosion by self-reaction	
	Oxidising properties:	None known	
	Vapour pressure:	None known	
	Relative density:	None known	
	Solubility:	No solubility in water/fat	
	Partition coefficient:	None known	
	Viscosity:	None known	
	Vapour density:	None known	
	Other information	Evaporation rate:	None known
Melting point:		Polyethylene terephthalate	260°C
		CO-PET	N/A
		Polypropylene	160°C
		Ethylene-propylene copolymer	N/A
Auto-ignition point:		No ignition by self-reaction	
Decomposition temperature:	None known		

10. STABILITY AND REACTIVITY

Stability:	Stable at normal temperature
Reactivity:	No expected reaction which is dangerous or harmful at present
Possibility of hazardous reactions:	None known
Conditions to avoid:	Direct sunlight, high temperature, high humidity and fire
Materials to avoid:	No expected materials which may be harmful caused by mixing at present
Hazardous decomposition products:	Carbon dioxide could be evolved during burning

11. TOXICOLOGICAL INFORMATION

Acute toxicity:	None known
Skin corrosion / irritation:	None known
Serious eye damage / irritation:	None known
Respiratory or skin sensitisation:	None known
Germ cell mutagenicity:	None known
Carcinogenicity:	None known

Reproductive toxicity:	None known
STOT-single exposure:	None known
STOT-repeated exposure:	None known
Aspiration hazard:	None known

12. ECOLOGICAL INFORMATION

Ecotoxicity:	None known
Persistence and degradability:	None known
Bioaccumulative potential:	None known
Mobility:	None known
Results of PBT and vPvB assessment:	None known
Other adverse effects:	None known

13. DISPOSAL CONSIDERATIONS

Biodegradability:	N/A
Disposal methods:	Landfill or incineration disposal

14. TRANSPORT INFORMATION

UN number:	N/A
UN proper shipping name:	N/A
Transport hazard class:	N/A
Packing group:	N/A
Environmental hazard:	N/A
Shipping requirements:	Pack/handle with care and not to break the products, containers, and packing. Keep away from fire and heat sources.

15. REGULATORY INFORMATION

Criteria as food packaging material in Japan	Conform to Specifications and Standards for Foods, Food Additives and Other Related Products (Ministry of Health and Welfare Announcement No.370-1959, Japan).
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16. OTHER INFORMATION

The above descriptions are based on the latest information/data available, this SDS will be revised according to new information/data.

The above safety precautions are just for general handlings. And this SDS is for informational purposes only.

During the handling/production process, please take appropriate safety measures regarding the usage and purpose on the one's own responsibility.

Contact : Quality Assurance, OHKI Co., Ltd.
