



Material Safety Data Sheet

1. Product and company identification

PRODUCT

Product name: *Flexible packages – coated and uncoated*

Application of the substance: *Packing for transport and storage*

COMPANY

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2. Hazards identification

2.1. Product classification

This product is not classified as dangerous under Regulation (EC) N° 1272/2008.
This product according 1907/2006/EC not classified as hazardous.

2.2. Label elements

Not necessarily the product to be labeled in accordance with EC regulations or the national laws.

2.3. Other hazards

If handled with proper care and at intended use, the product does not cause any harmful effects

Potential physical / chemical effects

Thermal burn hazard - contact with hot material may cause thermal burns. Material can accumulate static charges that may cause an ignition.

Potential health effects

Low order of toxicity. No adverse effects due to inhalation are expected.

Skin Contact: The contact with hot molten material may cause severe burns

Eye Contact: May cause irritation on corneal injury due to mechanical contact. If heated to 400 °C, the product may form vapors or fumes which may cause irritation to the eye.

Ingestion: The materials are biologically inert. Swallowing may induce choking or blockage of the gastrointestinal tract.

Environmental Impact: The product is biologically inert.

Inhalation: If heated to 400 °C, the product may form vapors or fumes which may cause irritation to the respiratory tract.

Physico-Chemical Hazards: The material is combustible if exposed to flames. Handling of material may create electrical charges and sparks which may be a cause of ignition for other flammable materials.

3. Composition/ information on ingredients

Component Name	CAS No.	Proportion (%)
Polypropylene (PP)	9003-07-0 Polypropylene	(90 - 99%)
Polyethylene (PE)	9002-88-4 Polyethylene	(0 - 10 %)
Hazardous Components	No reportable hazardous substance(s) or complex substance(s)	
Physical State	Solid	
Form	Flat fabric	
Colour	White or color	
Odour	None	

4. First aid measures

Information: At room temperature the product is not irritant and have failed off dangerous fumes. All measures below apply to critical situations (Fire, incorrect process conditions).

Inhalation: In case of adverse exposure to dust and / or vapors formed at elevated temperatures or burns, immediately remove the affected person from the room. Apply artificial respiration if breathing has stopped. Get medical advice if necessary.

Skin contact: Direct contact with the product does not lead to skin irritation. If there is a contact with the hot material, the molten material with the skin should be cooled as quickly as possible with water, and to obtain medical assistance for removal of adhering material and treatment of burns.

Ingestion: No adverse effects due to ingestion are expected. If necessary, seek medical advice.

Eye contact: Polypropylene and Polyethylene are not dangerous but can cause eye irritation due to their mechanical action. When flakes or dust particles into contact with eyes, rinse eyes with water. If an eye irritation persists, seek medical attention.

5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Water haze, carbon dioxide (CO₂), foam, dry chemical, halon, water spray (mist) only to cool the surfaces exposed to the fire.

Unsuitable extinguishing media: Do not use water jets (stick jets) for extinguishing fire, since they could help to spread the flames.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products: Polypropylene will burn if exposed to flames, giving off harmful fumes, which should not be inhaled. Heat value – 8 000 – 10 000 kcal/kg. carbon dioxide (CO₂), carbon monoxide (CO). If the fire is big (temperature is between 400 °C and 700 °C) the formation of hydrocarbons and aldehydes is possible.

5.3 Advice for firefighters

Use protective equipment: Firefighters should use standard protective equipment and in enclosed spaces, self-contained breathing apparatus (SCBA).

6. Accidental release measures

Cut off the fire source. Collect the fabric to avoid any slipping and falling of personnel on the floor. It is recommended that the wearing of personal protective equipment for eye protection and protective gloves are worn at all times during filling and loading. Packaging waste to be collected in labeled container and provide safe disposal / recycling.

7. Handling and storage

Information for safe handling No special requirements necessary, if handled at room temperature. Do not leave pieces of fabric on the ground, as this can cause slipping and falling.

Storage	Keep in dry indoors, away from heat, direct sunlight, UV radiation and temperature between 0-40 °C. Do not smoke.
Fire-fighting measures	Cut off the fire source.

8. Exposure controls and personal protection

General protective and hygienic measures	During normal handling protective gloves and the usual protective equipment are recommended. No special requirements under ordinary.
Respiratory Protection	No special requirements under normal use and must provide adequate ventilation.
Specific Hygiene Measures	Do not eat or drink while working. No smoking.
Hand Eye Skin and Body Protection	Recommended protective glasses and gloves to wear during filling and loading. If there is a risk of contact with hazardous chemical material can wear chemical resistant gloves and clothing.

9. Physical and chemical properties

Form:	Flat flexible fabric
Colour:	White or color
Odour:	Odourless
Melting point:	160-165 °C
Ignition temperature:	> 400 °C
Danger of explosion:	Product is not explosive
Density at 20 °C:	0.91 g/cm ³
Solubility in water:	Insoluble

10. Stability and reactivity

Thermal decomposition / conditions to be avoided:	The product is stable at normal handling and storage conditions.
Materials to be avoided:	Strong oxidation agent
Dangerous reactions	No dangerous reactions known
Dangerous products of decomposition:	No hazardous decomposition products known

11. Toxicological information

Primary irritant effect:

On the skin: No irritant effect

On the eyes: No irritant effect

Sensitization: No sensitizing effect known

Total heavy metal content (Pb, Hg, Cd, Cr6) of all Flexible packages is lower than 100 ppm.

12. Ecological information

Toxicity The product is not toxic

Persistence and degradability The product is not biodegradable

Bioaccumulative There is no bioaccumulation potential.

Mobility in soil The product is not mobility in soil

Ecological information: The product can float on water. The product is not environmentally dangerous according EEC Directives, small particles can have physical effects on water and soil organisms.

13. Disposal considerations

Disposal recommendation: The material can be re-used or recycled according to official regulations. Disposal must be done according to all regulations.

14. Transport information

According to national and international guidelines, which regulate the road-, rail-, air- and seatransport, this product is classified as not dangerous.

15. Regulatory information

The material is not subject to classification according to EC lists and other sources of literature known to us. Observe the normal safety regulations when handling chemicals.

16. Other information

The information supplied has been based upon the current level of information available, for the purpose of specifying the requirements regarding environment, health and safety in conjunction with the product. They are not to be interpreted as a warranty for specific product characteristics.

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