

THERMAL BAGS

1. IDENTIFICATION OF PRODUCT AND COMPANY

Product name: POLYETHYLENE

Product features: Polyethylene foam films

2. COMPOSITION / INFORMATION ON THE COMPONENTS

Chemical Name: Polyethylene

Synonyms: LDPE

Components that contribute to the risk: None

3. DANGERS

The waste may be present in the product gas that is flammable, therefore,

They must be stored in well ventilated places and must be ventilated adequately during the subsequent transformation stage.

Possible formation of electrostatic charges during handling.

The material, in the form of fine particles in contact with the eyes can cause irritation.

The product, if swallowed, can cause suffocation.

The molten product adheres to the skin and causes burns.

Under the terms of the EEC, Directives 88/379, 67/548 and their subsequent amendments,

This material is not dangerous.

4. FIRST AID

General Information: The measures listed below apply to critical situations (Fire, incorrect procedural conditions). At room temperature, the product is not irritant and does not release dangerous gases.

Inhalation: In case of excessive smoke inhalation, move the victim to a well-ventilated area. Keep the person warm and, if necessary, do artificial respiration. To require the intervention of a doctor.

Skin contact: In case of contact with the molten product, cool quickly with cold water. Cover the wound with a sterile cloth. Take the person to the hospital and the ward emergencies for your medical attention.

Eye contact: This product is an inert solid. If you remove it from the eye of the same way as any other foreign body. If you can not remove the product, take the person to the emergency room.

Ingestion: No specific measures required in case of ingestion. If you need to call a doctor.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: water spray, foam, carbon dioxide, dry chemical.

Firefighting procedures: Use water spray to cool surfaces

exposed to fire and to protect personnel. Block the energy of the fire. Fight the fire with spray water cooling.

Special precautions: Firemen employees must wear appropriate protective equipment .

Products of combustion: Combustion products produce hydrocarbon vapors. In case of lack of oxygen can produce carbon monoxide.

6. HANDLING AND STORAGE

Handling: Does not require special measures if handling is carried out at room temperature. Keep away from open flames, heat sources or sources of ignition. Use proper grounding procedures to avoid the risk of accumulation that can cause a spark (source of ignition). It is necessary to install a

Ventilation system in rooms where it is:

carried out a process of fusion of the material; crush or grind; carried out a process of high temperature of any kind.

Storage: The material should be stored in ventilated areas. Protect the material from direct sunlight, as this could accelerate the damage and cause deterioration in quality of the material. For a good operation, keep the material completely dry (despite the increase in the danger of static electricity).

Storage temperature (° C): environment.

Transport temperature (° C) the environment.

Pressure / transport accumulator (kPa): atmospheric.

7. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits: This material is not intended to restrict exposure.

Personal precautions: There are no special protective equipment prescribed, except the normal protections appropriate for the type of work performed. During the processing of this material and necessary to ensure adequate ventilation of the local.

8. PHYSICAL AND CHEMICAL PROPERTIES

Film in coils or sheets of different shapes and sizes

Solid physical states

White color, on request you can have different colors

ODOR Toilet

PH VALUE not applicable

BOILING Not applicable

Softening range between 80 ° C and 100 ° C

INFLAMMATION POINT> 350 ° C

Decomposition temperature> 300 ° C

VISCOSITY 'not applicable
Vapor pressure Not applicable
DENSITY 'STEAM not applicable
RAPID EVAPORATION 'not applicable
SOLUBILITY 'IN WATER Insoluble

9. STABILITY AND REACTIVITY

Conditions to avoid: Temperatures above 300 ° C. The product is stable under normal conditions of handling and storage.

Materials to avoid: Strong oxidizing agents.

Hazardous decomposition products: Carbon monoxide, hydrocarbons, flammable vapors.

10. TOXICOLOGICAL INFORMACION

Inhalation: Insignificant risk at room temperature. The fumes that are generated in high temperatures can irritate the eyes and respiratory tract. The powder can be irritating to the eyes and respiratory tract.

Skin contact: No danger at room temperature (-18 ° C to +38 ° C).

Eye contact: Dust may be abrasive to the eye and may cause irritation due to mechanics.

Ingestion: Minimal toxicity (oral LD50 rat > 5,000 mg / kg).

11. ECOLOGICAL INFORMATION

Mobility: None.

Degradability: UV degradability is very low.

Ecotoxicity: There is no indication that the material constitutes a risk to the environment ambient.

Toxicity in water: non-toxic insoluble solid material.

12. RELATIVE CONSIDERATIONS TO ELIMINATE

The product is treated as urban solid waste, the most appropriate methods for

The elimination of this product are: incineration in appropriate incinerators with energy recovery, disposal in landfills or recycling methods, as appropriate.

The material can be recycled.

13. INFORMATION ON TRANSPORTATION

Transport / additional information: The product is not dangerous according to the regulations national and international regulations governing road, rail and sea transport and air.

14. MORE INFORMATION

This information is based on our current knowledge and the purpose is to describe the product only needs for the environment, health and safety. The user assumes all responsibility in relation to the application, processing or use of the information or of the aforementioned products, which will verify the quality and other properties, as well as their consequences.