1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1. Product identifier

Product name: PETG Copolyester Amourphous Resin

2. Relevant identified uses of the substance or mixture and uses advised against

Identifies uses: Plastic material for moulding and/or extrusion

3. Details of the supplier of the safety data sheet:

Supplier: Laboratorio Geométrico S.L.
Calle Segunda (Polígono Industrial El Montalvo III), 4,
37188, Carbajosa de la Sagrada
info@winkle.shop
670 37 88 29

4. Emergency telephone number

Emergency telephone numbers : 112

2. HAZARDS IDENTIFICATION

1. Classification of the substance or mixture

Product Definition :The substance is not classified as dangerous according to Regulation (EC) No 1272/2008 (CLP/GHS) and Directive 67/548/EEC.

2. Label elements

Hazard Pictogram: None
Signal Word: None
Hazard Statements: None
Precautionary Statements: Not applicable

3. Other hazards

Others hazards which do not result in classification: The hazards of this product are associated mainly with its processing. Molten polymer will produce thermal burns. Polymer dust may represent a fire hazard at sufficient concentrations in presence of ignition sources

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance name	CAS No.	Concentratiopn (%)	Classification
Neopentylglycol-ethyleneglycol terephthalate copolymer	026780-49-4	100	Directive 67/548/EEC: Not classified Regulation EC No 1272/2008: Not classified

4. FIRST AID MEASURES

1. Description of first aid measures

Eye contact: Immediately flush eyes with plenty of water for at least 20 minutes. Get medical attention if symptoms occur

Skin contact: Cool skin rapidly with cold water after contact with molten polymer. Do not peel polymer from the skin. Obtain medical attention

Ingestion: Do not induce vomiting unless directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention if symptoms occur and show the TDS

Inhalation: Move exposed person to fresh air in case of accidental inhalation of dust or fumes from overheating or combustion. Consult a physician after significant exposure

2. Indication of any immediate medical attention and special treatment needed

Notes to physician: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled

Specific treatments: No specific treatment

5. FIREFIGHTING MEASURES

1. Suitable (unsuitable) extinguishing media

Use an extinguishing agent suitable to local circunstances and the surrounding environment. Example: Water Spray, Dry Chemical Powder and Carbon Dioxide.

2. Specific hazards arising from the chemical

Hazardous combustion Products: Carbon monoxide, carbon dioxide, acetaldehyde

3. Advice for firefighters Unusual fire and explosion hazards

Powdered material may form explosive dust-air mixtures. High voltage static electricity build-up and discharge must be avoided when significant quantities of powdered material are present

4. Special protective equipment for fire-fighters

Wear self-contained breathing apparatus, protective clothing and headgear to prevent contact with skin and eyes

6. ACCIDENTAL RELEASE MEASURES

1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Put on appropriate personal protective equipment. Spillages may be slippery. Clear up spillages. The molten polymer may remain hot for some time due to low thermal conductivity. Use care when disposing of molten mass

For emergency responders

If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel"

2. Environmental Precautions

Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air)

3. Methods and materials for containment and cleaning up Spill

Vacuum or sweep up material and place in a container for recuperate or disposal. Avoid dust generation

4. Reference to other sections

See Section 1 for emergency contact information. See Section 8 for information on appropriate personal protective equipment. See Section 13 for additional waste treatment information.

7. HANDLING AND STORAGE

1. Precautions for safe handling

Put on appropriate personal protective equipment (see Section 8)

Advice on general occupational hygiene: Adequate ventilation and cleanliness must be employed in the processing area. Area should be controlled using good occupational hygiene practices. Accumulation of the dust may represent a fire and explosion hazard at sufficient concentrations. Remove ignition sources. Beware of electrostatic charges

2. Conditions for safe storage, including any incompabilities

Keep containers closed when not in use. Store in original container in a dry, cool and well-ventilated area, away from flame, ignition sources, direct sunlight or incompatible materials (see section 10). Maintain good housekeeping to control dust accumulations.

3. Specific end use(s) recommendations

Not available

4. Industrial sector specific Solutions

Not available

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

1. Occupational exposure limits

No exposure limit value known

2. Exposure controls Appropriate engineering controls

Good general ventilation (typically 10 air changes per hour) should be used. Provide for appropriate exhaust ventilation and dust collection at machinery. Provide exhaust ventilation at places where dust is formed

3. Personal protective equipment

Respiratory protection:
Not required under normal conditions of uses. In the case of respirable dust and/or fumes, use self contained breathing apparatus. If respirators are used, a program should be instituted to assure compliance with OSHA standard (OSHA Respiratory Protection Program Guidelines).

Eye/face protection:
Not required under normal conditions of uses. Safety eyewear should be used when there is a likelihood of exposure. Recommended: Safety glasses with side shields when working with molten material

Hand protection:
Protective gloves are required when handling hot polymer

Skin protection:
Appropriate footwear and additional skin protection measures should be selected based on the task being perform and the risks involved and should be approved by a specialist before handling this product. A safety shower and washing facilities should be available.

Hygiene measures:
Wash hands before eating and at the end of the working period

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Solid Colourless Pellets
Oudor:	Slight
pH:	Not applicable
Boiling point:	Not available
Flash point:	Not applicable
Evaporation rate:	Not applicable
Flammability:	Non-flammable
Vapour pressure:	Not available
Vapour density:	Not available
Relative density:	≥1,27 g.cm^3
Solubility(ies):	Insoluble in water

10. STABILITY AND REACTIVITY

1. Reactivity

No specific test data related to reactivity available for this product or its ingredients

2. Chemical stability

The product is stable

3. Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur

4. Conditions to avoid

No specific data

5. Incompatible materials

Acetic Anhydride, acetone, aniline, benzene, chloroform, chromic acid, cyclohexanone, dimethylformamide, dioxane, ethyl acetate, phenol, tetrahydrofuran.
Reactive with strong oxidizing agents, as well as strong acids and caustic will decompose polyester

6. Hazardous decomposition products

Carbon monoxide, carbon dioxide, acetaldehyde

11. TOXICOLOGICAL INFORMATION

1. Information on the likely routes of exposure

Potential acute health effects

Inhalation: No known significant effects or critical hazards
Ingestion: No known significant effects or critical hazards
Skin contact: No known significant effects or critical hazards
Eye contact: No known significant effects or critical hazards

2. Delayed and immediate effects and also chronic effects from short and long term exposure

Short term exposure

Potential immediate effects: Not available
Potential delayed effects: Not available

Long term exposure

Potential immediate effects: Not available
Potential delayed effects: Not available
General: No known significant effects or critical hazards
Carcinogenicity: No known significant effects or critical hazards
Mutagenicity: No known significant effects or critical hazards
Teratogenicity: No known significant effects or critical hazards
Fertility effects: No known significant effects or critical hazards

12. ECOLOGICAL INFORMATION

1. Toxicity

Not available

2. Persistence and degradability

Not available

3. Bioaccumulative potential

Not available

4. Mobility in soil Soil/water partition coefficient (KOC)

Not available

5. Mobility

Not available

6. Results of PBT and vPvB assessment PBT

Not available

7. vPvB

Not available

8. Other adverse effects

No known significant effects or critical hazards

13. DISPOSAL CONSIDERATIONS

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s)

1. Product Methods of disposal

Like most thermoplastics, the product can be recycled. Can be landfilled or incinerated, when in compliance with local regulations

2. Product Hazardous waste

Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC

3. Packaging Methods of disposal

The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible

4. Packaging Special precautions

This material and its container must be disposed of in a safe way. Empty containers or liners may retain some product residues. Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers

14. TRANSPORT INFORMATION

1. UN number

Not applicable

2. UN Proper shipping name

Not applicable

3. Transport hazards classes

None

4. Packaging group

Not applicable

5. Environmental hazards

Not applicable

6. Special precautions for user

None

7. Transport in bulk according to annex II of Marpol 73/78 and the IBC code

Not applicable

15. REGULATORY INFORMATION

1. Safety, health and environmental regulations/legislation specific for the substance or mixture EU Regulation (EC) No. 1907/2006 (REACH)

Annex XIV - List of Substances of Very High Concern for Authorization

None of the components are listed

Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles

Not applicable

2. Chemical Safety Assessment

Not available

16. OTHER INFORMATION

1. Recommended restrictions

Do not use in medical applications involving permanent implantation in the human body

2. Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist