



## Safety Data Sheet PET-G filament

According to European Regulation (EU) No 453/2010  
(REACH)

### Product and Company information:

Product name: PET-G filament  
Company name: filalab, UAB  
ID number: 304045825  
Adress: Kauno g. 32, Vilnius, Lithuania  
Number:  
Email:

### Hazard identification:

GHS classification of the substance/mixture:  
Not classified

GHS label elements, including precautionary statements:

Pictogram and symbol : Not applicable  
Signal word : Not applicable  
Hazard statements : Not applicable  
Precautionary statements  
Precaution : Not applicable  
Treatment : Not applicable  
Storage : Not applicable  
Disposal : Not applicable  
Other hazard information not included in hazard classification (NFPA) Health :  
Not available  
Flammability : Not available  
Reactivity : Not available

### Composition / information on ingredients:

Chemical Name - copolyester  
Common Name (Synonyms) - PETG  
CAS number - 25038-91-9  
EC number - 607-509-2  
Content (%) - 100

### First-aid measures:

#### Eye contact

- Seek medical attention if eye symptoms occur.
- In case of contact with molten substance, immediately flush eyes with water for at least 15 minutes. Seek medical attention immediately.

#### Skin contact

- Remove and isolate contaminated clothing and shoes.
- Seek medical attention if skin symptoms occur.
- If burned by contact with hot material, cool molten material adhering to skin as quickly as possible with water, and see a physician for removal of adhering material and treatment of burn.
- Wash contaminated clothing and shoes before reuse.

Inhalation : Not available

#### Ingestion

- Get medical attention if substance is ingested.

### Fire-fighting measures:

#### Suitable (and unsuitable) extinguishing media

- Suitable extinguishing media: CO<sub>2</sub>, water, sand

#### Specific hazards arising from the chemical

- Thermal decomposition products: Not available
- Hazardous combustion products: CO<sub>2</sub>, CO

- Unusual fire and explosion hazards : No explosion hazards.

Special protective equipment and precautions for fire-fighters

- Wear positive pressure self-contained breathing apparatus (SCBA).

Accidental release measures:

Personal precautions, protective equipment and emergency procedures:

- Stop leak if it can be done without risk.
- Isolate exposed area.
- Exclude unauthorised personnel.
- Use certified protective equipment.
- Ventilate the leaked area.
- Do not touch or walk through spilled material.

Environmental precautions and protective procedures:

- Prevent entry into waterways, sewers, basements or confined areas.

The methods of purification and removal

- Use sweeping brush or vacuum cleaner.

Handling and storage:

Precautions for safe handling

- Avoid contact with molten material.
- Use general dilution ventilation and /or local exhaust ventilation to control airborne exposures.
- Prevention of Fire and Explosion: Not available.

Conditions for safe storage

- Store container in a well dry/cool place.
- Keep away from water ways and sewers.



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- Keep away from any source of ignition.

### Exposure controls / personal protection:

#### Occupational Exposure limits

ACGIH regulation : Not applicable  
Biological exposure index : Not applicable  
OSHA regulation : Not applicable  
NIOSH regulation : Not applicable  
EU regulation : Not applicable  
Other : Not applicable

#### Appropriate engineering controls:

- Provide local exhaust ventilation system or other engineering controls to keep any airborne contamination below the respective threshold limit value.
- Check legal suitability of exposure level.

#### Personal protective equipment Respiratory Protection:

- Wear NIOSH approved full or half face piece (with goggles) respiratory protective equipment when necessary.

#### Eye protection

- An eye wash unit and safety shower station should be available nearby work place.
- Wear safety glasses to protect eyes when working with molten material..

#### Hand protection

- It is a good industrial hygiene practice to minimize skin contact.
- When material is heated, wear gloves to protect against thermal burns.

#### Body protection

- It is a good industrial hygiene practice to minimize skin contact. When material is heated, Wear gloves to protect against thermal burns.

Work hygiene: Avoid contact of hot material with the skin. Avoid breathing dust and vapours.

### Physical and chemical properties:

Description : Colorless solid (pellets)  
Odor : Slight odor  
Odor threshold : Not applicable  
pH : Not applicable  
Melting point/freezing point : Not applicable  
Initial boiling point and boiling range : Not applicable  
Flash point : Not available  
Evaporation rate : Not available  
Flammability (solid, gas) : Not available  
Upper/lower flammability or explosive limits : Not available  
Vapor pressure : Negligible (20°C)  
Solubility (ies) : Negligible  
Vapor density : Not available  
Specific gravity : > 1(density: 1.27g/ml (25 °C))  
Partition coefficient: n-octanol/water : Not available  
Auto ignition temperature : 454 °C (ASTM E659)  
Decomposition temperature : Not available  
Viscosity : Not available  
Molecular weight : Not available

### Stability and reactivity:

Chemical stability : Stable  
Possibility of hazardous reactions: None Known  
Conditions to avoid: None Known  
Incompatible materials: Not available  
Hazardous decomposition products: Not available

### Toxicological information:

Information of health Hazardous:

Acute toxicity



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Oral : None known  
Dermal : Not available  
Inhalation : Not available  
Skin corrosion/ irritation : Molten material will produce thermal burns  
Serious eye damage/ irritation : Molten material will produce thermal burns  
Respiratory sensitization : Not available  
Skin sensitization : Not available  
Carcinogenicity : Not classified  
IARC, NTP, OSHA, ACGIH, EU Regulation 1272/2008: Not listed  
Mutagenicity : Not available  
Specific target organ toxicity (single exposure) : Not available  
Specific target organ toxicity (repeat exposure) : Not available  
Aspiration Hazard : Not available

### Ecological information:

Ecological toxicity  
- Acute toxicity : Not available  
- Chronic toxicity : Not available

Fish : Not available  
crustacean : Not available  
Algae : Not available

Persistence and degradability Persistence : Not available  
Degradability : Not available

Bioaccumulative potential Bioaccumulation : Not available  
Biodegradation : Not available  
Mobility in soil : Not available  
Other hazardous effect : Not available

### Disposal considerations:



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Product: Generation of waste should be minimised, check possibility for recycling. Waste product can be incinerated or dumped together with domestic waste in compliance with local authority requirements.

### Transport information:

UN Number : Not regulated as a hazardous material.

UN Proper shipping name : Not applicable

Transport Hazard class : Not applicable

Packing group : Not applicable

Marine pollutant : Not applicable

Special precautions

in case of fire : Not applicable

in case of leakage : Not applicable

### Regulatory information:

#### US Regulatory information

U.S.A management information (OSHA Regulation) : Not regulated

U.S.A management information (CERCLA Regulation) : Not regulated

U.S.A management information (EPCRA 302 Regulation) : Not regulated

U.S.A management information (EPCRA 304 Regulation) : Not regulated

U.S.A management information (EPCRA 313 Regulation) : Not regulated

#### External information

EU classification (classification) : Not regulated

EU classification (risk phrases) : Not regulated

EU classification (safety phrases) : Not regulated

EU SVHC list : Not regulated

EU Authorisation List : Not regulated

EU Restriction list : Not regulated

Persistent Organic Pollutants Acts : Not regulated

Substance of Rotterdam Protocol : Not regulated

Substance of Stockholm Protocol : Not regulated

Substance of Montreal Protocol : Not regulated



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