



Safety Data Sheet

Filalab PETG

According to EU Directive 1907/2006

Product and Company information:

Product name: PETG filament

Company name: filalab, UAB

ID number: 304045825

Adress: Kauno g. 32, Vilnius, Lithuania

Number: +370 616 36902

Email: info@filalab.lt

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: CO₂, water, sand

Specific hazards arising from the chemical

- Thermal decomposition products: Not available
- Hazardous combustion products: CO₂, 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.
- 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
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:

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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