

Safety Data Sheet

Filalab PCTG

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

Product and Company information:

Product name: PCTG 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 – co-polyester
Common Name (Synonyms) - PCTG
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 your 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:

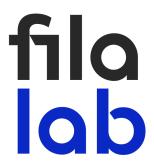
- Get medical attention if a substance is ingested.

Fire-fighting measures:

Suitable (and unsuitable) extinguishing media:

- Suitable extinguishing media: CO2, water, sand

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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 leaking if it can be done without risk.
- Isolate exposed area.
- Exclude unauthorized 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 a 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 containers in a well dry/cool place.
- Keep away from waterways 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.

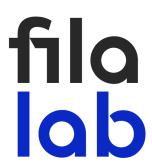
Eye protection:

- 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.

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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 availableChronic 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 availableMobility 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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