



# 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: 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 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.



### **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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