

Material Safety Data Sheet

1. Company identification

1.1 Company: **Fabbxible Technology**

1.2 Address: **11A, Jln. IKS Bukit Tengah, Tmn. IKS Bukit Tengah, 14000 Bukit Mertajam, Pulau Pinang, Malaysia.**

1.3 Tel: **+6017-414 7563**

2. Substance identification

2.1 Trade Name: PETG

2.2 Components: Polymer-blend based on Poly(ethylene terephthalate) glycol (more than 99%) , contains some additives..

2.3 CAS No: PETG: 25640-14-6

2.4 Additional information: no harmful ingredients.

3. Hazard identification

Classification:

1,4-Benzenedicarboxylic acid, polymer with 1,4-cyclohexanedimethanol and 1,2-ethanediol (CAS No. 103884364-9) is not classified according to Regulation (EC) 1272/2008 and Directive 67/548/EEC.

4. First-aid measures

Skin Contact	<ul style="list-style-type: none">- Remove contaminated clothing and shoes.- Get medical attention if skin symptoms occurred.- 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.
Eye Contact	<ul style="list-style-type: none">- Get medical attention if eye symptoms occurred.- In case of contact with molten substance, immediately flush eyes with water for at least 15 minutes. Get medical attention immediately
Ingestion	<ul style="list-style-type: none">- Get medical attention if swallowed amount of substance

Indication of immediate medical attention and notes for physician:	<ul style="list-style-type: none">- Call emergency medical service. Get medical advice/attention if you needed.- Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.- If burned by contact with molten material, cool quickly as possible with water, and then go to see a physician for treatment of burn.
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5. Fire-fighting measures

Extinguishing media:

- Suitable extinguishing media: CO₂, water, sand

Special fire-fighting procedures:

- Wear positive pressure self-contained breathing apparatus (SCBA).
- Structural fire fighters' protective clothing will only provide limited protection.

Special exposure hazards:

- Thermal decomposition products: Not available
- Hazardous combustion products: CO₂, CO
- Unusual fire and explosion hazards: No explosion hazards

Sensitivity to static discharge: Not available

6. Accidental release measures

Personal precautions:

- Stop leak if you can do it without risk.
- Isolate exposed area.
- Keep unauthorized personnel away.
- Use certificated protective equipment.
- Ventilate the leaked area.

Methods for cleaning up / removal:

- Do not touch or walk through spilled material.
- Prevent entry into waterways, sewers, basements or confined areas.

7. Handling and storage

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

Storage:

- Keep container closed.
- Store container in a well dry/cool place.
- Keep away from waterways and sewers.
- Keep away from any source of ignition.

8. Physical and chemical properties

Appearance	Filament
Melting Temperature	Softening above 80°C
Solubility	Insoluble in water
Specific Gravity	1.27

9. Stability and reactivity

Stability: Not available

Conditions to avoid:

- Avoid contact with incompatible materials.
- Avoid release to the environment.

Materials to avoid: Not available

10. Toxicological information

	Conclusion / Remarks
(a) Acute toxicity;	Not available
(b) Skin corrosion/irritation;	Molten material will produce thermal burns
(c) Serious eye damage/irritation;	Molten material will produce thermal burns
(d) Respiratory or skin sensitization;	Not available
(e) Germ cell mutagenicity;	Not available

(f) Carcinogenicity;	IARC, NTP, OSHA, ACGIH, EU Regulation 1272/2008, US EPA: not listed
(g) Reproductive toxicity;	Not available
(h) STOT-single exposure;	Not available
(i) STOT-repeated exposure;	Not available
(j) Aspiration hazard	. Not available

11. Ecological information

	Conclusion / Remarks
Toxicity	Not available
Persistence and degradability	Not available
Bioaccumulative potential	Not available
Mobility in soil	Not available
Results of PBT and vPvB assessment	Not available
Other adverse effects	Not available

12. Disposal considerations

Disposal method

- Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Disposal precaution

- Consider the require attentions in accordance with waste treatment management regulation.

13. Regulatory information

Not available

14. Other information

Please call to (60)17 414 7563 or visit to our website: www.fabbxible.com

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End of data sheet