

Material Safety Data Sheet

1.COMPANY IDENTIFICATION

Supplier: Shenzhen ECO Industrial Co.,Ltd

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2.COMPOSITION/INFORMATION ON INGREDIENTS

Substance or Preparation	Substance
Product name	PETG Filament
Specifications	Diameter:1.75mm /2.85mm/3.00mm
Impurities Contributing to Hazard	None

3.HAZARD IDENTIFICATION

Most Important Hazards	None
Adverse Human Health Effects	None
Environmental Effects	None
Physical and Chemical Hazards	None

4.FIRST AID MEASURES

Inhalation	In case of gases evolving from melted resin,move subject to fresh air. Treat symptomatically.
Skin Contact	In case of pellets or powder,wash with water. In case of melt,wash effected skin area and clothing with plenty of soap and water. Seek medical advice.
Eye Contact	In case of pellets or powder,flush with plenty of water for at least 15 minutes. Seek medical advice if any dust particles still remain.In case of gases evolving from melted resin of high temperature, flush with plenty of water for at least 15

minutes. Seek medical advice if necessary.

Ingestion Induce vomiting. Rinse mouth with water. Seek medical advice if necessary.

5. FIRE-FIGHTING MEASURES

Extinguishing Media	Water, Foam, Dry chemical powder
Special Fire-Fighting Procedure	Self contained breathing apparatus
Fire and Explosion Hazards	None

6. ACCIDENTAL RELEASE MEASURES

Methods for Cleaning up	Recovery if not contaminated or Disposal
Personal Precautions	Filament remained on ground may cause slipping
Environmental Precautions	Gather filament thoroughly to avoid birds or fishes taking from draining water

7. HANDLING AND STORAGE

Handling	Prevent from fire around handling area. Maintain good housekeeping standards to prevent accumulation of dust. To avoid dust explosion resulting from the existence of power, electrostatics eliminators and grounding should be fixed to such equipment as air transferring pipes, bag filters and hoppers. Use electrically conductive filters for bag filters.
Storage	Keep the materials at a cool dry place. Protect from direct sunlight, rain and violent temperature fluctuation. Fire is inhibited around storage area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Threshold Limit Value	Not determined
Ventilation	Necessary or exclude dust, fumes and gases
Personal Protection	
Eye	Wear safety glasses for general purpose. Wear chemical goggles for cleaning molding machines.
Respiratory	Wear masks for cleaning molding machines.
Gloves	Necessary for handling melted resin.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	1.75mm/2.85mm/3.00mm plastic solid rod
Color	Transparent/Black/White/Green/Blue or other colors
Physical State	Solid
Relative density	1.27g/cm ³
Specific gravity	> 1
Vicat Softening Temperature @ 1kg load ASTM D1526	83 °C

10. STABILITY AND REACTIVITY

Reactivity

Some of these materials may burn, but none ignite readily.

Chemical stability

Stable under normal temperatures and pressures.

Possibility of hazardous reactions

Containers may explode when heated.

Fire may produce irritating and/or toxic gases.

Some liquids produce vapors that may cause dizziness or suffocation.

Inhalation of material may be harmful.

Conditions to avoid

Avoid contact with incompatible materials.

Avoid release to the environment.

Incompatible materials

Combustibles

Hazardous decomposition products

Irritating and/or toxic gases

11. TOXICOLOGICAL INFORMATION

(a) Acute toxicity;

Oral Not available

Dermal Not available

Inhalation 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 sensitization; Not available

(e) Skin Sensitization; Not available

(f) Carcinogenicity; KOREA-ISHL, IARC, NTP, OSHA, ACGIH, EU Regulation 1272/2008:Not listed

(g) Mutagenicity; Not available

(h) Reproductive toxicity; Not available

(i) Specific target organ toxicity (single Not available exposure);

(j) Specific target organ toxicity (repeat Not available exposure);

(k) Aspiration Hazard; Not available

12.ECOLOGICAL INFORMATION

Toxicity

Acute toxicity Not available

Chronic toxicity Not available

Persistence and Degradability

Bioaccumulative potential

Mobility in soil

Results of PBT and vPvB assessment

Other adverse effects

Persistence : Not available

Degradability : Not available

Bioaccumulation : Not available

Biodegradation : Not available Not available

Not available

Not available

13.DISPOSAL CONSIDERATIONS

Waste treatment methods Waste from residues

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

14. TRANSPORT INFORMATION

Not classified.

15.REGULATORY INFORMATION

Not available.

16.OTHER INFORMATION

None.
