

Material Safety Data Sheet

1.COMPANY IDENTIFICATION

Supplier: Shenzhen ECO Industrial Co.,Ltd

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Emergency telephone numbers(24 hours a day):008613418510805

2.COMPOSITION/INFORMATION ON INGREDIENTS

Substance or Preparation	Substance
Product name	ABS Filament
Specifications	Diameter:1.75mm/1.75mm/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

General

- No general information.

Inhalation

When exposed to large amounts of steam and mist, move to fresh air. Take specific treatment if needed.

Skin

Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes.Laundering enough contaminated clothing before reuse.

Eye

Do not rub your eyes. Immediately flush eyes with plenty of water for at least 15 minutes and call a doctor/physician.

Ingestion

About whether I should induce vomiting Take the advice of a doctor. Rinse your mouth with water immediately.

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,Natural,White,Black and Others
Physical State	Solid
Solubility	Insoluble in water
Specific Gravity	1.03-1.10g/cm ³

10.STABILITY AND REACTIVITY

Flammability	Yes
Melting temperature	230-250°C
Stability	Stable under recommended storage conditions
Materials to avoid	Oxidizing agents.Strong bases.
Thermal Decomposition	Gases CO HCN AN SM and CO ₂

11.TOXICOLOGICAL INFORMATION

Irritation

Fumes or vapors generated from decomposing filament may be irritant to eyes.

Acute oral toxicity(LD50) Not determined.

Mutagenicity Not determined.

12.ECOLOGICAL INFORMATION

To avoid being taken by ocean species or birds,disposal of the waste to the ocean and water sources is inhibited.

13.DISPOSAL CONSIDERATIONS

Controlled incineration or landfill according to local, state or national laws and regulations concerning health and pollution.

Inadequate incineration may generate toxic gases such as CO HCN AN SM and CO₂.

14. TRANSPORT INFORMATION

Not classified.

15. REGULATORY INFORMATION

Not available.

16. OTHER INFORMATION

None.
