

# Material Safety Data Sheet

## **1.COMPANY IDENTIFICATION**

Supplier: Shenzhen ECO Industrial Co.,Ltd

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Customer service telephone:0086-755-36869662

Email:analucia@ecoreprap.com

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Emergency telephone numbers(24 hours a day):008613418510805

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## **2.COMPOSITION/INFORMATION ON INGREDIENTS**

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

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## **3.HAZARD IDENTIFICATION**

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

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## **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.

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## **5. FIRE-FIGHTING MEASURES**

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

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## **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

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## **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.

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## **8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

### 8.1 Control parameters

Exposure Limits: None established

### 8.2 Exposure control

Appropriate engineering controls: Install eyes washer and shower in the place of operation.

Provide local exhaust ventilation system. Ensure compliance with applicable exposure limits

Personal protection:

- Respiratory protection: Wear masks for cleaning molding machines
- Hand protection: Heat-insulating gloves when handling molten form
- Eye protection: Wear safety glasses for general purpose. Wear chemical goggles for cleaning molding machines
- Skin and body protection: Gloves necessary for handling melted resin
- Hygiene measures: Wash hands after handling

### 8.3 Environmental exposure controls

Product related measures to prevent exposure: None specific

Instruction measures to prevent exposure: None specific

Organizational measures to prevent exposure: None specific

Technical measures to prevent exposure: None specific

Environmental exposure controls: Do not allow product to reach sewage system or water bodies

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## **9. PHYSICAL AND CHEMICAL PROPERTIES**

Appearance 1.75mm/2.85mm/3.00mm plastic solid rod

Color White/Black

Physical State Solid

Flash point 404 °C

Specific Gravity 1.03 ~ 1.10g/cm<sup>3</sup>

Auto-ignition temperature 466 °C

Decomposition temperature > 300 °C

Viscosity Not applicable

Explosive properties Not explosive

Oxidizing properties Not oxidizing

Combustion Energy 3.53 x 10<sup>7</sup> J/kg (8424 Kcal/kg)

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## **10. STABILITY AND REACTIVITY**

Reactivity: Non-reactive under normal handling and storage conditions

Chemical stability: Stable under normal handling and storage conditions

Possible hazardous reaction: -

Conditions to avoid: Avoid excessive heat, flames and all sources of ignition

Incompatible materials: not applicable

Hazardous decomposition products: not applicable

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## **11.TOXICOLOGICAL INFORMATION**

Information on the likely routes of exposure: Oral, Dermal, Inhalation.

Potential acute health effects

Skin contact : No known significant effects or critical hazards.

Eye contact : No known significant effects or critical hazards.

Symptoms related to the physical, chemical and toxicological characteristics

Ingestion: No specific data.

Inhalation :No specific data.

Eye contact : No specific data.

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## **12.ECOLOGICAL INFORMATION**

Toxicity

no data available

Persistence and degradability no data available

Bioaccumulative potential

To avoid bioaccumulation plastics should not be disposed in the sea or in other water environments.

Mobility in soil no data available

Results PBT & vPvB assessment

According to the revised Annex XIII of regulation (EC) 1907/2006 and (EC) 253/2011: No information available on the product as such

Other adverse effects

General information: do not allow to enter into underground water , surface water and drains.

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## **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.

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**15.REGULATORY INFORMATION**

Not available.

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**16.OTHER INFORMATION**

None.

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