

## Material Safety Data Sheet

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical Product      ABS-ESD filament  
MSDS No.                F032014  
Date                      07.16.2021  
Company                 Guangdong Silver Age Sci. & Tech. CO.,LTD  
Address                 Nange, Daojiao Town, Dong Guan City  
Phone No.              0769-38855188  
Fax No.                 0769-38858380

### 2. INFORMATION ON INGREDIENTS

Chemical Name	ABS	Carbon black	Other
CAS NO.	9003-56-9	1333-86-4	/
Content	≥75%	≤15%	≤10%

Impurities Contributing to Hazard      None

### 3. HAZARDS IDENTIFICATION

Adverse Human Health Effects      None  
Environmental Effects                None  
Physical and Chemical Hazards      None  
Special Hazards                        None

### 4. FIRST AID MEASURES

**Inhalation**                              In case of gases evolving from molten resin, bring the affected person to fresh air. Call a physician immediately in case of discomfort.

**Skin Contact**                            In case of contact with molten material, immediately wash the skin with plenty of cold water. See a physician for removal of adhering material.

**Eye Contact**                            If molten material contacts the eye, rinse immediately with plenty of water for at least 15 minutes. Call a physician immediately.

**Ingestion**                                Induce vomiting with medical advice. Rinse mouth with water. Seek medical advice if discomfort occur.

### 5. FIRE-FIGHTING MEASURES

Extinguishing Media                    Water, Foam, Dry chemical powder  
Fire and Explosion Hazards            None  
Special Fire-Fighting Procedure      Minimize dust generation and accumulation  
Special Protective Equipment         Wear self-contained breathing apparatus and full protective clothing

### 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions                 Wear appropriate personal protective equipment.  
Environmental Precautions            Prevent entry into surface water or drainage systems.  
Methods for Cleaning up              Sweep up and shovel into suitable containers for disposal.

### 7. HANDLING AND STORAGE

Handling                                 Avoid contact with molten material. Use personal protective equipment.  
Storage                                    Keep cool. Protect from water, moisture and direct sunlight. Avoid all sources

of ignition.

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

<b>Exposure Controls</b>	<b>Provide appropriate exhaust ventilation at places where dust is formed.</b>
<b>Personal Protective Equipment</b>	
<b>Skin Protection</b>	<b>Wear protective clothing, when handling hot molten product.</b>
<b>Hand Protection</b>	<b>Wear protective gloves, when handling hot molten product.</b>
<b>Eye Protection</b>	<b>Wear protective glasses.</b>

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

<b>Appearance</b>	<b>Monofilament</b>
<b>Density</b>	<b>1.06g/cm<sup>3</sup></b>
<b>Melting Point</b>	<b>None</b>
<b>Melting Temperature</b>	<b>220°C-260°C</b>
<b>Solubility</b>	<b>Insoluble in water</b>
<b>Structure</b>	

## **10. STABILITY AND REACTIVITY**

<b>Chemical Stability</b>	<b>Stable under recommended storage conditions.</b>
<b>Reactivity</b>	<b>None expected under conditions of normal use.</b>

## **11. TOXICOLOGICAL INFORMATION**

<b>Irritation</b>	<b>Fumes generated from decomposing resin may be irritant to eyes.</b>
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## **12. ECOLOGICAL INFORMATION**

<b>Persistence and degradability</b>	<b>Product is not biodegradable.</b>
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## **13. DISPOSAL CONSIDERATIONS**

<b>Disposal Methods</b>	<b>Dispose of waste and residues in accordance with local authority requirements.</b>
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## **14. TRANSPORT INFORMATION**

**Not regulated**

## **15. REGULATORY INFORMATION**

**Not available**

## **16. OTHER INFORMATION**

**The data given above is believed accurate and for reference only.**