

## ***Material Safety Data Sheet***

### **CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**Chemical Product** Nylon-GF10 filament  
**MSDS No.** F051431  
**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

### **INFORMATION ON INGREDIENTS**

Chemical Name	Nylon 6	Glass fiber	Other
CAS NO.	25038-54-4	65997-17-3	/
Content	≥85%	≤10%	≤5%

**Impurities Contributing to Hazard** None

### **HAZARDS IDENTIFICATION**

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

### **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.

### **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

### **ACCIDENTAL RELEASE MEASURES**

**Personal Precautions** Wear appropriate personal protective equipment.  
**Environmental Precautions**

of ignition.

**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>

**PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	<b>Monofilament</b>
<b>Density</b>	<b>1.16g/cm<sup>3</sup></b>
<b>Melting Point</b>	<b>None</b>
<b>Melting Temperature</b>	<b>220 -260</b>
<b>Solubility</b>	<b>Insoluble in water</b>
<b>Structure</b>	

**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>