

# ***Material Safety Data Sheet***

## **1 . CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

**Chemical Product** Flame Retardant ABS  
**MSDS No.** 03ST357  
**Date** 08.10.2020  
**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	Acrylonitrile Butadiene Styrene	2,4,6-Tris(2,4,6-tribromo phenoxy)-1,3,5-triazine	Other
CAS NO.	9003-65-9	25713-60-4	/
Content	≥80%	≤15%	≤5%

**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**

**Exposure Controls**                    **Provide appropriate exhaust ventilation at places where dust is formed.**

#### **Personal Protective Equipment**

**Skin Protection**                    **Wear protective clothing, when handling hot molten product.**

**Hand Protection**                    **Wear protective gloves, when handling hot molten product.**

**Eye Protection**                    **Wear protective glasses.**

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

<b>Appearance</b>	<b>Monofilament</b>
<b>Density</b>	<b>1.14/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>	

#### **10 . STABILITY AND REACTIVITY**

**Chemical Stability**                    **Stable under recommended storage conditions.**

**Reactivity**                    **None expected under conditions of normal use.**

#### **11 . TOXICOLOGICAL INFORMATION**

**Irritation**                    **Fumes generated from decomposing resin may be irritant to eyes.**

#### **12 . ECOLOGICAL INFORMATION**

**Persistence and degradability**                    **Product is not biodegradable.**

#### **13 . DISPOSAL CONSIDERATIONS**

**Disposal Methods**                    **Dispose of waste and residues in accordance with local authority requirements.**

#### **14 . TRANSPORT INFORMATION**

**Not regulated**

#### **15 . REGULATORY INFORMATION**

**Not available**

#### **16 . OTHER INFORMATION**

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