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# Material Safety Data Sheet

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Chemical Product ABS-SP40 filament

MSDS No. F032028 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	Other
CAS NO.	9003-56-9	/
Content	≥90%	≤10%

Impurities Contributing to Hazard None

3. HAZARDS IDENTIFICATION

Adverse Human Health Effects

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

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#### 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

Appearance Monofilament

Density 1.04/cm<sup>3</sup>
Melting Point None

Melting Temperature 220°C-260°C

Solubility Insoluble in water

Structure

#### 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.