

# MATERIAL SAFETY DATA SHEET (MSDS)

According to Regulation (EC) No. 1907/2006  
(REACH)

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## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Name:** Ultramarine Blue Pigment

**Chemical Name:** Sodium Aluminum Sulfosilicate

**Recommended Use:** Coloring agent for plastics, coatings, inks, rubber, construction materials, and cosmetics.

**Company Name:** Hunan Kayan New Materials Co., Ltd.

**Address:** Hunan Province, China

**Telephone:** +86-15274877979

**Emergency Telephone:** +86-13974839043

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## 2. HAZARDS IDENTIFICATION

### Classification

This product is not classified as hazardous according to GHS criteria.

### GHS Label Elements

- Hazard Symbol: None
- Signal Word: None

- Hazard Statement: None

### Potential Health Effects

- Excessive dust may cause slight irritation to eyes, skin, and respiratory tract.
- Not expected to present significant hazards under normal conditions of use.

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## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS No.	Content
Sodium Aluminum Sulfosilicate	57455-37-5	≥99%

**Synonyms:** Ultramarine Blue, Pigment Blue 29

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## 4. FIRST AID MEASURES

### Eye Contact

Flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.

### Skin Contact

Wash with soap and water. Seek medical attention if irritation develops.

### Inhalation

Move person to fresh air. If breathing difficulty occurs, seek medical attention.

## Ingestion

Rinse mouth with water. Seek medical attention if discomfort occurs.

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# 5. FIRE-FIGHTING MEASURES

## Suitable Extinguishing Media

Use water spray, foam, dry chemical, or carbon dioxide suitable for surrounding fire.

## Special Hazards

Product is non-flammable and non-explosive.

## Protective Equipment for Firefighters

Wear self-contained breathing apparatus if necessary.

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# 6. ACCIDENTAL RELEASE MEASURES

## Personal Precautions

Avoid dust formation. Use suitable protective equipment.

## Environmental Precautions

Prevent large quantities from entering drains or waterways.

## Methods for Cleaning Up

Sweep or vacuum spilled material into suitable containers for disposal or reuse.

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## 7. HANDLING AND STORAGE

### Handling

- Avoid generating dust.
- Avoid inhalation and contact with eyes.
- Use appropriate ventilation.

### Storage

- Store in a cool, dry, well-ventilated place.
  - Keep containers tightly closed.
  - Protect from moisture.
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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Limits

No specific occupational exposure limits established.

### Engineering Controls

Provide adequate ventilation.

### Personal Protective Equipment

#### Respiratory Protection:

Use dust mask if airborne dust exceeds exposure limits.

#### Eye Protection:

Safety glasses recommended.

**Hand Protection:**

Protective gloves recommended.

**Skin Protection:**

Wear suitable protective clothing.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Blue powder
Odor	Odorless
pH	6.0 - 9.0
Melting Point	>1000° C
Boiling Point	Not applicable
Flash Point	Non-flammable
Solubility in Water	Insoluble
Density	Approx. 2.35 g/cm <sup>3</sup>
Explosive Properties	Non-explosive

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## 10. STABILITY AND REACTIVITY

**Stability**

Stable under normal storage and handling conditions.

**Conditions to Avoid**

Moisture and strong acids.

**Incompatible Materials**

Strong acids may release hydrogen sulfide gas.

## Hazardous Decomposition Products

Hydrogen sulfide may form under acidic conditions.

## Hazardous Polymerization

Will not occur.

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# 11. TOXICOLOGICAL INFORMATION

## Acute Toxicity

Not classified as toxic.

## Skin Irritation

May cause slight mechanical irritation.

## Eye Irritation

Dust may cause temporary irritation.

## Respiratory Irritation

Excessive dust inhalation may irritate respiratory tract.

## Carcinogenicity

Not classified as carcinogenic.

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# 12. ECOLOGICAL INFORMATION

## Ecotoxicity

No known significant environmental hazards.

### **Persistence and Degradability**

Inorganic pigment; not biodegradable.

### **Bioaccumulative Potential**

Not expected to bioaccumulate.

### **Mobility in Soil**

Low mobility.

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## **13. DISPOSAL CONSIDERATIONS**

Dispose of in accordance with local, regional, and national regulations.

Contaminated packaging should be disposed of as chemical waste.

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## **14. TRANSPORT INFORMATION**

### **UN Number**

Not regulated.

### **Transport Hazard Class**

Not regulated.

### **Packing Group**

Not regulated.

## Environmental Hazards

Not classified as environmentally hazardous.

## Transport Precautions

Keep dry during transportation.

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# 15. REGULATORY INFORMATION

This product is not classified as hazardous under applicable chemical regulations.

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# 16. OTHER INFORMATION

The information provided in this MSDS is based on current knowledge and experience and is intended solely for safety guidance. It does not constitute a guarantee of product properties.

Users are responsible for ensuring compliance with applicable laws and regulations.

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Hunan Kayyan New Materials Co., Ltd.

End of MSDS