

MATERIAL SAFETY DATA SHEET  
ULTRAMARINE BLUE PIGMENT



### 1. Identification of Substance, Preparation and Company

Product Name: Ultramarine Blue Pigment  
Chemical Characterisation: Pigment Blue 29 – C.I. 77007  
Company Name: Bathbomb.biz limited  
Company Address: 37 Worting Road  
Basingstoke  
Hampshire  
RG21 8TZ  
Emergency Phone Number: 01256 474889

### 2. Composition Information on Ingredients

Definition / Botanical Origin: Chemical : Contains Sodium Aluminium Sulphosilicate complex  
H-No:  
CAS No: 12769-96-9  
E.U. Reference: Annex IV Part 1  
Status:  
CoE No:  
FEMA:  
Additives:  
FDA: Ultramarine  
Japan: Ultramarine  
IFRA:  
Formula: Na (Al Si O) S  
Application:  
EINECS: 2-358-110  
INCI Name: C.I. 77007  
FCCIV:  
Ingredient Declaration:

### 3. Hazards Identification

- Not classified as dangerous and presents no environmental hazard. Should be treated as a nuisance dust. In contact with acids it liberates hydrogen sulphide, a highly flammable, toxic gas.



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**4. First Aid Measures**

Inhalation Treatment: Remove from exposure site to fresh air. Keep at rest. Obtain medical attention.

Eye Exposure Treatment: Rinse immediately with plenty of water for at least 15 mins, holding eyelids open. Contact a doctor if symptoms persist.

Skin Contact Treatment: Remove contaminated clothes. Wash thoroughly with soap & water, flush with plenty of water. If irritation persists, seek medical advice.

Ingestion Treatment: Rinse mouth and then drink plenty of water. Seek medical advice if large amounts are involved, drink copious amounts of water to induce vomiting.

Other: When assessing action take Risk & Safety Phrases into account (Section 15)

**5. Fire Fighting Measures**

Extinguishing Media Recommended: Use Water Mist, CO2, Dry Powder or Foam type Extinguishers, spraying extinguishing media to base of flames. Do not use direct water jet on burning material.

Special Measures: If involved in a fire, sulphur dioxide gas will be released. Avoid inhalation. Keep away from sources of ignition. Do not smoke. Wear positive pressure self-contained breathing apparatus & protective clothing.

Extinguishing Procedures: Closed containers may build up pressure when exposed to heat and should be cooled with water spray.

**6. Accidental Release Measures**

Personal precautions: Avoid inhalation & direct contact with skin & eyes. Use individual protective equipment (safety glasses, waterproof-boots, suitable protective clothing) in case of major spillages.

Environmental precautions: Keep away from drains, soils, surface & groundwater. In case of major discharge, flush with copious amounts of water to dilute any acid conditions that may prevail.

Cleaning up methods for spillages: Remove all potential ignition sources. Avoid contact with acids. Vacuum up and wash spill site. Observe state, federal & local disposal regulations.



MATERIAL SAFETY DATA SHEET  
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## 7. Handling and Storage

Precautions in handling:	Apply good manufacturing practice & industrial hygiene practices, ensuring proper ventilation. Observe good personal hygiene, and do not eat, drink or smoke whilst handling.
Storage conditions:	Store in tightly closed original container, in a cool, dry & ventilated area away from heat sources & protected from light. Keep air contact to a minimum. Avoid contact with acids.
Fire protection:	Keep away from ignition sources & naked flames. Take precautions to avoid static discharges in working area.

## 8. Exposure Controls / Personal Protection

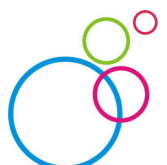
Respiratory protection:	Avoid breathing dust. Apply local ventilation where possible.
Ventilation:	Ensure good ventilation of working area.
Hand protection:	Avoid all skin contact. Use chemically resistant gloves if required.
Eye protection:	Wear safety glasses.
Work/Hygiene practices:	Dry, fine powders can remove the skin's natural oils, leaving it cracked and dry and open to infection. Wash hands with soap & water after handling. Use skin moisturisers.

## 9. Physical and Chemical Properties

Appearance:	Powder
Odour:	None (sulphurous)
Flash Point (°C):	Not applicable
Density	2.35g.cm <sup>3</sup>
Bulk Density:	400Kg.m <sup>3</sup>
Solubility in Water	Insoluble
PH (at 50gl <sup>-1</sup> water)	6-9
Thermal Decomposition:	400 °C (loss of sulphur)

## 10. Stability and Reactivity

Reactivity:	Stable up to approx 350°C . Avoid acids.
Decomposition:	Hazardous Decomposition Products: H <sub>2</sub> S, SO <sub>2</sub> .
Hazardous Exothermic Reaction	Above 400°C exothermic evolution of sulphur dioxide



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**11. Toxicological Information**

- Non toxic, LD50 Mice and Rats > 10000mg/kg
- After skin contact : Irritation not expected
- After eye contact : Irritation possible through mechanical action of dust particles.
- After inhalation : May cause discomfort to respiratory tract

**12. Ecological Information**

Biodegradability:	Data not available
Precautions:	Prevent surface contamination of soil, ground & surface water. Do not discharge into natural waters without pre-treatment

**13. Disposal Considerations**

- Avoid disposing to drainage systems and into the environment. Seek expert advice.

**14. Transport Information**

- Not classified as a hazardous cargo under current transport regulations. Use an approved carrier

Road (ADR/RID):	Not restricted
Air (IATA):	Not restricted
Sea (IMDG)	Not restricted

**15. Regulatory Information (According to Directive 88/379/EEC)**

Hazards:	Not applicable
Symbols:	Not applicable
Risk Phrases:	Not applicable
Safety Phrases:	S14 Keep away from acids. S29 Do not empty into drains
Dust:	Long term total dust : 10mg.m <sup>-3</sup> -8hr TWA
Respirable dust :	4mg.m <sup>-3</sup> -8hr TWA



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**16. Other Information**

**16.1. Packaging**

<b>Type</b>	<b>Suitability</b>
Glass:	Yes
Lacquer lined steel / tin:	No
Aluminium:	Yes
HPPE:	Yes
F/HDPE:	Yes
Other plastic:	Yes

**16.2. Shelf Life**

Min 12 months when stored within advised conditions. Retest after 6 months

**16.3. QC Requirements**

In-line with general product specification. Always satisfy suitability for specific application.

The data provided in this material safety data sheet is meant to represent typical data/analysis for this product and is correct to the best of our knowledge. The data was obtained from current and reliable sources, but is supplied without warranty, expressed or implied, regarding its' correctness or accuracy. It is the user's responsibility to determine safe conditions for the use of this product, and to assume liability for loss, injury, damage or expense arising from improper use of this product. The information provided does not constitute a contract to supply to any specification, or for any given application, and buyers should seek to verify their requirements and product use..

Should you have any questions relating to the use of this product, please contact bathbomb.biz Ltd either by phone (01256 474889) or by email ([fizzy@bathbomb.biz](mailto:fizzy@bathbomb.biz)) .

