

COSHH - SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

Product Name: Portland Stone, a naturally occurring Jurassic Limestone. It's quarried predominately from three beds; Roach bed, Whitbed and Basebed.

Supplier: Albion Stone plc
Robert Denholm House,
Bletchingly Road,
Nutfield,
Surrey,
RH1 4HW

Telephone: 01737 771 772

Fax: 01737 771 776

2. COMPOSITION/INFORMATION ON INGREDIENTS

Naturally occurring Jurassic Limestone.

HAZARDS IDENTIFICATION

Dust: If dust is inhaled in excessive quantities over extended periods, it can constitute a long term health hazard.

Weight: It should be noted that 1m³ of Portland Stone weights approximately 2300kg. Therefore adequate precautions must be taken when handling Portland Stone products in order to avoid accidents. Appropriate lifting equipment is required.

4. FIRST AID MEASURES

Route of Exposure:	Action:
Eyes	Ensure eyewash facilities are available. In the event of eye contact, irrigate with clean water.
Skin	Wash with soap and water.
Inhalation	If irritation occurs, move to fresh air. Swallowing small amounts of dust is unlikely to cause significant reaction. Do not induce vomiting. Give patient plenty of water to drink.
Ingestion	In all cases seek medical advice where necessary.

5. FIRE FIGHTING MEASURES

No risk.

6. ACCIDENTAL RELEASE MEASURES

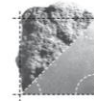
Personal Protection: Wear protective clothing (as per section 8).

Environmental Measures: Release of dust into the environment does not constitute a significant hazard.

Working Methods: Avoid unnecessary dust. Beware of flying particles when cutting etc. Ensure adequate ventilation when cutting or abrading. Avoid skin and eye contact. Avoid inhaling dust.

7. HANDLING AND STORAGE

Usage Precautions	Handle with care.
Storage Precautions	The stacking of blocks and stones requires care and they must be stable. Portland Stone must be kept dry and palletised.

**8. EXPOSURE CONTROLS AND PERSONAL PROTECTION**

Maximum Exposure Limit/Occupational Exposure Standard:	Inhalable Dust	10mg/m ³ 8hr TWA
	Respirable Dust	5mg/m ³ 8hr TWA

Protective Clothing: Goggles/Visor, Gloves, Coveralls, Respirator/Mask and Safety Footwear.

Other Protection: Under normal conditions of use, no specific protection is needed.

Hygienic Working Practices: When practicable use exhaust ventilation, or enclose working area combined with exhaust ventilation equipment. No smoking, eating or drinking. Maintain good hygiene facilities. Collect dust spillages by vacuum where possible.

9. PHYSICAL PROPERTIES AND CHEMICAL ANALYSIS

Portland Stone is an oolitic limestone which is sold as dimension blocks, slabs, masonry stone or tile landscape stones or as crushed dust. The stone consists of calcium carbonate with traces of quartz.

Application: Building, Monumental and Landscape Stones

CaCO ₃	Calcium Carbonate	95.8%
Mg CO ₃	Magnesium Carbonate	1.2%
Al ₂ O ₃	Aluminium Oxides	0.3%
Fe ₂ O ₃	Iron Oxides	0.3%
Si O ₂	Silica	1.3%
H ₂ O	Water (and Loss)	1.4%

10. STABILITY AND REACTICITY

N/A

11. TOXICOLOGICAL INFORMATION

On eyes, may cause transient irritation.

On skin, unlikely to cause harm.

By inhalation, unlikely to cause harm.

By ingestion, unlikely to cause harm.

Others, none known.

12. ECOTOXICOLOGICAL INFORMATION

Environmental Assessment; when used and disposed of as intended, no adverse effect foreseen.

Disposal Considerations; non-hazardous, subject to local authority requirements.

Transport Information; non-hazardous, no transport labelling required.

13. DISPOSAL CONSIDERATIONS

Portland Stone is inert, but disposal should be in accordance with the local legal requirements.

14. TRANSPORT INFORMATION

The carriage of Portland Stone is not subject to hazardous substance conveyance regulations. Vehicle and package labelling is not required.



ALBION STONE

15. REGULATORY INFORMATION

This product is not classified as dangerous for supply with the UK.

Statutory Provisions: Health and Safety at Work Act 1974, Consumer Protection Act 1987, COSHH 2002, Environmental Protection Act 1990.

16. OTHER INFORMATION

The information contained herein is believed to be correct and corresponds to the latest state of scientific and technical knowledge. However, no warranty is made, either expresses or implied, regarding its accuracy or the results obtained from the use of such information.

The user is responsible for taking the necessary measures to meet the requirements of laws and regulations in force.

COSHH Safety Data Sheet Rev 2 June 2013. Authorised by M Poultney prepared by G Harbour.