

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name: Pavestone Tile Grout.

1.2. Material type

A polymer modified cementitious based tile grout.

1.3. Details of the supplier of the safety data sheet

Pavestone UK Limited,
Westington Quarry,
Chipping Campden,
Gloucestershire GL55 6EG.

Tel: +44 (0) 1386 848650

Email: enquiries@pavestone.co.uk

www.pavestone.co.uk

1.4. Emergency telephone number

+44 (0) 1386 848650

Office Hours: Monday-Friday 8.30am - 5.30pm

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification 67/548/EEC:

Xi, R37/38, R41, R43

Symbols: Xi: Irritant.

Main hazards:

Irritating to respiratory system and skin. Risk of serious damage to eyes. May cause sensitisation by skin contact.

Classification EC 1272/2008:

Skin Irrit. 2: H315; Skin Sens. 1: H317;

Eye Dam. 1: H318; STOT SE 3: H335.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

2.2. Label elements

Contains PORTLAND CEMENT

Label In Accordance With (EC) No. 1272/2008

Hazard statements:

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

H335: May cause respiratory irritation.

Hazard pictograms:



Signal word:

Danger.

Precautionary statements:

P271: Use only outdoors or in a well-ventilated area.

P280: Wear protective gloves/protective clothing/eye protection/face protection

P305+351+338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P501: Dispose of contents/container in accordance with local regulations.

Supplementary precautionary statements:

P261: Avoid breathing vapour/spray.

P264: Wash contaminated skin thoroughly after handling.

P302+352: IF ON SKIN: Wash with plenty of soap and water.

P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P332+313: If skin irritation occurs: Get medical advice/attention.

P333+313: If skin irritation or rash occurs: Get medical advice/attention.

P403+233: Store in a well-ventilated place. Keep container tightly closed.

2.3. Other hazards

Contact between cement powder and body fluids (e.g. sweat and eye fluid) may also cause skin and respiratory irritation, dermatitis or burns.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**67/548/EEC / 1999/45/EC**

PORTLAND CEMENT CLINKER
(Portland cement total respirable dust)

EINECS: 266-043-4

CAS: 65997-15-1

CLP Classification: Xi; R37/38-41-43

Concentration: 30-40%

EC 1272/2008

PORTLAND CEMENT CLINKER
(Portland cement total inhalable dust)

EINECS: 266-043-4

CAS: 65997-15-1

CLP Classification: Skin Irrit. 2: H315;
Skin Sens. 1: H317; Eye Dam. 1: H318; STOT SE3: H335

Concentration: 30-40%

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES**4.1. Description of first aid measures**

Skin contact: Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if irritation persists after washing.

Eye contact: Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Continue to rinse for at least 15 minutes and get medical attention.

Ingestion: Do not induce vomiting. Immediately rinse mouth and drink plenty of water. Keep person under observation. If person becomes uncomfortable take to hospital along with these instructions.

Inhalation: Move into fresh air and keep at rest. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact: May cause irritation to skin.

Eye contact: Irritating to eyes.

Inhalation: May cause irritation to mucous membranes.

4.3. Indication of any immediate medical attention and special treatment needed

Skin contact: Seek medical attention if irritation or symptoms persist.

Eye contact: Seek medical attention if irritation or symptoms persist.

Ingestion: Seek medical attention if irritation or symptoms persist.

Inhalation: Seek medical attention if irritation or symptoms persist.

SECTION 5: FIREFIGHTING MEASURES**5.1. Extinguishing media**

Product itself is non-combustible. Only the packaging materials can catch fire. The Extinguishing-media normally used are sufficient.

5.2. Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards. No unusual fire or explosion hazards noted.

5.3. Advice for fire-fighters

Special Fire Fighting Procedures. Wear suitable respiratory equipment when necessary.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1. Precautions, protective equipment and emergency procedures**

Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Do not allow to enter drains, sewers or watercourses.

6.3. Methods and material for containment and cleaning up

Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like. Avoid generation and spreading of dust.

6.4. Reference to other sections

Relevant information in other sections have to be considered. This applies in particular For information given on Personal Protective Equipment (Section 8) and on Disposal (Section 13).

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Adopt best Manual Handling considerations when handling, carrying and dispensing. Avoid formation of dust. Wear suitable protective equipment. The cement contained in this product produces an alkaline reaction when in contact with water. This may cause irritation to the skin and mucous membranes.

7.2. Conditions for safe storage, including any incompatibilities

Store in closed original container at temperatures between 5°C and 30°C. This product must be stored in unopened bags, clear of the ground in cool dry conditions and protected from excessive drafts.

If stored correctly and used within 6 months of the date shown on the bag, the activity of the reducing agent will be maintained and this product will contain when mixed with water, no more than 0.0002% (2ppm) soluble Chromium (VI) of the total dry weight of the cement.

Shelf life in correct for sealed bags is 6 months. Please note: the use of this product after the end of the declared storage period may increase the risk of an allergic reaction.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Controls parameters

Portland Cement Clinker
(Portland cement total respirable dust)

WEL 8-hr limit ppm: -
WEL 15 min limit ppm: -
WEL 8-hr limit mg/m³: 4
WEL 15 min limit mg/m³-

Portland Cement Clinker
(Portland cement total inhalable dust)

WEL 8-hr limit ppm: -
WEL 15 min limit ppm: -
WEL 8-hr limit mg/m³: 10
WEL 15 min limit mg/m³-

WEL = Workplace Exposure Limit

8.2. Exposure controls

Protective equipment

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE):



Process conditions

Provide eyewash station.

Engineering measures

Provide sufficient ventilation for operations causing dust formation.

Respiratory equipment

If ventilation is insufficient, suitable respiratory protection must be provided. Dust mask/respirator.

Eye/face protection

Wear dust resistant safety goggles where there is a danger of eye contact.

Hand protection

Use suitable protective gloves if risk of skin contact.

Other protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. When using do not eat, drink or smoke. Wash contaminated clothing before re-use.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance: Powder, dust.

Colour: Various.

Odour: Odourless.

pH: >12.

SECTION 10: STABILITY AND REACTIVITY**10.1. Reactivity**

No hazardous reactions if stored and handled as indicated.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

No significant hazard.

10.4. Conditions to avoid

Avoid formation of dust.

10.5. Incompatible materials

Will not decompose if stored and used as recommended.

10.6. Hazardous decomposition products

No significant hazard.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects**

Inhalation: May cause damage to mucous membranes in nose, throat, lungs and bronchial system.

Ingestion: May cause discomfort if swallowed.

Skin contact: Prolonged contact with wet cement/mix may cause burns.

Eye contact: Risk of serious damage to eyes.

SECTION 12: ECOLOGICAL INFORMATION**12.1. Ecotoxicity**

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

SECTION 13: DISPOSAL CONSIDERATIONS**13.1. Waste treatment methods**

Disposal operations: Dispose of waste and residues in accordance with local & national authority requirements.

SECTION 14: TRANSPORT INFORMATION

The product is not covered by international regulation on the transport of dangerous goods. (IMDG, IATA, ADR/RID).

SECTION 15: REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

UK Regulatory References

Chemicals (Hazard Information & Packaging) Regulations

Environmental Listing

Control of Pollution Act 1974

Approved Code Of Practice

Safety Data Sheets for Substances and Preparations, Classification and Labelling of Substances and Preparations Dangerous for Supply.

Guidance Notes:

Workplace Exposure Limits EH40.

EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals

(REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

National Regulations

Workplace Exposure Limits 2005 (EH40) The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007 (CDG 2007).

SECTION 16: OTHER INFORMATION**General information**

If further information on training is required contact Pavestone UK Ltd.

Hazardous statements in full

H315: Causes skin irritation.

H318: Causes serious eye damage.

H317: May cause an allergic skin reaction.

H335: May cause respiratory irritation.

Further Information

The data are based on the current state of our knowledge, and are intended to describe the product with regard to the requirements of safety. The data should not be taken to imply any guarantee of a particular or general specification. It is the responsibility of the user of the product to ensure to his satisfaction that the product is suitable for the intended purpose and method of use. We do not accept responsibility for any harm caused by the use of this information. In all cases, our general conditions of sale apply.

