

Section 1 ; Identification of the substance /mixture and of the company undertaking**1.1 Product Identifier****Product Name:** ADOPATCH**Synonyms:** Cement based grout**1.2 Relevant identified uses of the substance or mixture & uses advised against**

Use Of Substance /mixture : Cement based repair mortar

1.3 Details of the supplier of the safety data

Company Name: Adomast Manufacturing Ltd
Barkston Road, Carlton Industrial Estate
Barnsley
S71 3HU
Tel: 01226 707863
Fax: 01226 718051
Email: sales@adomast.co.uk

1.4 Emergency telephone number

Emergency Telephone Number : 07887 416399 (24 hours)

Section 2: Hazards Identification

2.1 Classification of the substance or mixture

Classification –REGULATION (EC) No 1272/2008
STOT SE3 - H335 May cause respiratory irritation
Eye Dam 1— H318 Causes serious eye damage
Skin Irrit. 2—H315 Causes skin irritation
Skin Sens. 1– H317 May cause an allergic skin reaction

2.2 Label elements

Classification –REGULATION (EC) No 1272/2008

Signal words: Danger

Hazard pictograms : GHS07 : Exclamation mark



H335 may cause respiratory irritation
H315 Causes skin irritation
H318 Causes serious eye damage
H317 May cause an allergic skin sensitization

Precautionary statements : P280 :Wear Protective gloves/clothing/eye protection

P303 +361 + 353;IF ON SKIN OR HAIR : remove all contaminated clothing. Rinse skin with water /shower

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

P305 +351+338+P310 ; IF IN EYES rinse carefully with water for several minutes. Remove contact lenses if present & easy to do so . Continue rinsing.

P302+P352+P333+P313; Wash with plenty of soap and water. If skin irritation or rash occurs get medical attention

P261+P304+P340+P312; Avoid breathing dust/fumes, gas, mist. If inhaled remove victim to fresh air and keep at rest in a comfortable position. Call a POISON CENTRE or doctor

P501: Dispose of contents/container to: an approved waste facility

2.3 Other hazards:

PBT : This product is not identified as a PVT/vPvB substance

Section 3: Composition on ingredients

3.2 Mixtures

Chemical Name	EINECS	CAS	Classification – REGULATION (EC) No 1272/2008	Percent
Ordinary Portland Cement OPC		65997-15-1	STOT SE3 - H335 May cause respiratory irritation Eye Dam 1— H318 Causes serious eye damage Skin Irrit. 2—H315 Causes skin irritation Skin Sens. 1— H317 May cause an allergic skin reac- tion	5-30

Section 4 : First Aid measures

4.1 Description of first aid measures :

Skin contact: Remove contaminated clothes and footwear immediately. Drench the affected skin with running water for 15 minutes

Eye Contact: SPEED IS ESSENTIAL. Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination

Ingestion: Wash the mouth out with water. Do not induce vomiting. Get medical attention if adverse effects occur

Inhalation: Remove casualty from exposure. If unconscious check for breathing & apply artificial respiration if necessary. Get medical attention if adverse effects occur

4.2 Most important symptoms and effects, both acute and delayed

Skin contact: Irritation or pain may occur at site of contact. Dermatitis may occur after repeated contact
Prolonged contact with wet mortar/concrete may cause serious burns

Eye Contact: Eye contact with mortar (dry/wet) may cause serious and potentially irreversible injuries

Ingestion: There may be soreness & redness of the mouth & throat. Corrosive burns may appear around the lips. May cause throat burns. Nausea & stomach pains may occur. There may be vomiting.

Inhalation: Irritating to the respiratory tract in high concentration

Environment: Under normal use this product is not harmful to the environment

Delayed / Immediate effects : Immediate effects can be expected after short term exposure.

4.3 Indication of any immediate medical attention and special treatment needed

Immediate /special treatment : Eye bathing equipment should be available on the premises

Section 5 : Fire-Fighting measures

5.1 Extinguishing media

Extinguishing media : This product is not combustible. Use dry powder or CO₂ fire extinguishers to extinguish the surrounding fire. Use extinguishing measures that are appropriate to local circumstances.

5.2 Special hazards arising from the substance or mixture

Exposure hazards: None Identified. The material is not flammable.

5.3 Advice for fire-fighters

Advice for fire-fighters : None Identified. Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6 : Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Wear suitable protective clothing. Refer to section 8 of SDS for personal protection details

6.2 Environmental precautions

Environmental; precautions : Do not discharge into drains or rivers. Contain the spillage using bunding Use clean up methods such as vacuum cleaning or by creating a slurry by using water spray. Never use compressed air.

6.3 Methods and material for containment and cleaning up

Clean up procedures: Personal precautions: Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS.

Section 7 Handling and storage

7.1 Precautions for safe handling :

Handling requirements: Avoid direct contact with the substance. Avoid the formation or spread of mists in the air. Avoid contact with skin and eyes. Wear protective equipment

7.2 Conditions for safe storage, including any incompatibilities

Storage conditions : Store in cool, well ventilated area. Keep container tightly closed

Suitable packaging : Plastic/ Plastic lined—sealed waterproof containers. Do not use aluminium containers due to incompatibility of materials

7.3 Specific end uses (s)

Specific end uses : No special requirement

Section 8 : Exposure control / personal protection

8.1 Control parameters

Location	Workplace exposure limits		Respirable Dust	
	8 hour TWA	15 min STEL	8 Hour TWA	15 min STEL
UK	4 mg/m ³			

Hazardous ingredients : Portland Cement

UK 8 hour TWA 15 min STEL

4 mg/m³

DNEL / PNEC Values : No data available

Type	Exposure	Value	Population	Effect
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8.2 Exposure controls

- Engineering measures:** Ensure there is sufficient ventilation of the area
- Respiratory protection:** Respiratory protection is not normally required However suitable respiratory equipment may need to be provided for those operations which generate vapour, mists or fumes and where exposure cannot be adequately controlled by local exhaust ventilation or other means
- Hand protection:** Protective gloves (alkali resistant)
- Eye protection:** Tightly fitting safety goggles. Ensure eye bath is to hand.
- Skin protection:** Protective clothing
- Environmental:** No special requirement

Section 9.0 Physical and Chemical properties

9.1 Information on basic physical and chemical properties

State: dry powder

Colour: grey

Odour: Barely perceptible earthy odour

Oxidising: Non oxidising

Solubility in water: Soluble

Viscosity: N/a

Boiling point /range °C: Not determined. Melting point 1250°C

Relative density: 3.0 typical

pH: 11-13

9.2 Other information

Other information : Non flammable & non explosive

Section 10.0 Stability and reactivity

10.1 Reactivity

Reactivity : When mixed with water will harden into a stable mass that is non reactive in normal environments

10.2 Chemical stability

Chemical stability : stable under normal conditions

10.3 Possibility of hazardous reactions

Possibility of hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions

10.4 Conditions to avoid

Conditions to avoid: Dry product—avoid humid conditions which may cause lump formation & loss of product quality.

10.5 Incompatible materials

Materials to avoid: Acids, ammonium salts, aluminium or other non-noble metals. Uncontrolled use of aluminium powder in wet product should be avoided as hydrogen is produced.

10.6 Hazardous decomposition products

Haz decomp products : This product does not decompose into any hazardous products.

Section 11 Toxicological information

11.1 Information on toxicological effects :

Toxicity values:

Acute: based on available data the classification criteria are not met

Skin Corrosion/Irritation: Category 2. When in contact with wet skin may cause thickening, cracking or fissuring on skin. Prolonged contact may cause severe burns

Serious Eye Damage: Category 1. Direct contact may cause corneal damage my mechanical stress, immediate or delayed irritation or inflammation. Direct contact by large amounts may cause effects ranging from moderate irritation to chemical burns and blindness

Skin Sensitization: Category 1. Some individuals may develop eczma upon exposure. There is no indication of sensitisation of the respiratory system.

STOT single exposure: Category 3. Dust exposure may irritate the throat & respiratory tract

Symptoms / routes of exposure

Contact with skin, eyes ingestion and dust inhalation

Dust exposure may irritate the throat and respiratory tract. Coughing, sneezing and shortness of breath may occur following exposures in excess of occupational exposure limits.

When in contact with wet skin may cause thickening, cracking or fissuring on skin. Prolonged contact may cause severe burns

Direct contact with eyes may cause corneal damage my mechanical stress, immediate or delayed irritation or inflammation. Direct contact by large amounts may cause effects ranging from moderate irritation to chemical burns and blindness

Some individuals may develop eczma upon exposure. There is no indication of sensitisation of the respiratory system.

Section 12 Ecological information

12.1 Toxicity:

Ecotoxicity values : This product is not classified as dangerous for the environment. The addition of large amounts of the product to water may however cause a rise in pH and may, therefore be toxic to aquatic life under certain circumstances.

12.2 Persistence and degradability

Persistence and degradability : Not relevant as product is an inorganic material

12.3 Bioaccumulative potential

Bioaccumulative potential: Not relevant as product is an inorganic material

12.4 Mobility in soil

Mobility : Not relevant as product is an inorganic material

12.5 Results of PBT and vPvB assessment

PBT identification : This product is not identified as a PVt/vPvB substance

12.6 Other adverse effects

Other adverse effects: Not expected to cause significant environmental impact

Section 13 Disposal considerations

13.1 Waste treatment methods

Disposal Operations: Dispose of in compliance with local and national regulations. Product should not be discharged directly into drains or sewers or waterways without treatment.

Recovery operations : No information available at this time

Disposal of packaging : May be reused following decontamination. Where practical containers and packaging should be recycled by a licensed contractor

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14 Transport information . This product does not require a classification for transport

14.1 UN number:

UN Number: not relevant

14.2 UN proper shipping name

Shipping name : not relevant

14.3 Transport Hazard Class

Transport class: Not relevant

14.4 Packing Group

Packing group : not relevant

14.5 Environmental hazards

Environmentally hazardous : Not relevant

Marine pollutant : NO

14.6 Special precautions for user

Special precautions: No special precautions

Tunnel code:

Transport category :

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

Transport in bulk: not relevant

Section 15 Regulatory information

15.1 Safety, health and environmental regulations specific for the substance or mixture

The product contains Ordinary Portland Cement which is a mixture that is not subject to registration according to REACH. Cement clinker is exempt from registration (Art2.7 (b) and Annex V.10 of REACH).

Workplace Exposure Limits – HSE Guidance note EH40.

Control of Substances Hazardous to Health latest Regulations.

The marketing and use of these products is subject to a restriction on the content of soluble Cr(VI) (REACH Annex XVII point 47 Chromium VI compounds).

15.2 Chemical Safety Assessment

Chemical safety assessment : A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16 Other information

Other information:

16.1 Hazard Statements

H318: Causes serious eye damage

H315: Causes skin irritation

H317: May cause an allergic skin reaction

H335: May cause respiratory irritation

16.2 Precautionary Statements

P102: Keep out of reach of children

P280: Wear protective gloves/protective clothing/eye protection/face protection P305+P351+P338+P310: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTRE or doctor/physician.

P302+P352+P333+P313: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention.

P261+P304+P340+P312: Avoid breathing dust/fumes,gas,mist,vapours,spray. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTRE or doctor/physician.

P501: Dispose of contents/container according to local regulations.

Legal disclaimer : The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The company shall not be held liable for any damage resulting from handling or from contact with the above product.