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Brickspan[®] Thixotropic Pointing Mortar Material Safety Data Sheet

Section 1: Identification of the substance/mixture used and of the company/undertaking.

1.1 Product identifier

Trade name: Brickspan[®] Thixotropic Pointing Mortar

1.2 Relevant identified uses of the substance or mixture and uses advised against

Recommended use: 95% silicate mineral , 5% water-borne polymeric based product formulation

1.3. Details of the supplier of the safety data sheet Supplier:

Brickspan Developments Limited
 Unit C4, Mamhilad Park Estate,
 Pontypool, Torfaen, NP4 0HZ

Competent person responsible for the safety data sheet:

info@brickspan.co.uk

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Adverse physiochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Symbols: None
 Hazard Statements: None
 Precautionary Statements: None
 Contents: (Water based polymeric binder): May produce an allergic reaction.
 The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

2.3. Other hazards

vPvB Substances: None
 PBT Substances: None
 Other Hazards: No other hazards
 The product is not classified dangerous according to the "preparations Directive" (1999/45/CE); in fact it is a water based preparation in which there are no dangerous components. The below mentioned crystalline silica, that originally is in the shape of inhalable powder with specific exposure limits, after its mixture into the preparation doesn't involve any exposure risk.

SECTION 3: Composition/information on ingredients

3.1 Substances N.A.

Water-borne synthetic polymer based adhesive

3.2 Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

>= 50% - < 75% free crystalline silica ($\phi > 10 \mu$)

CAS: 14808-60-7, EC: 1272/2008

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

SECTION 4: First aid measures

4.1. Description of first aid measures In case of skin contact:

In case of skin contact: Wash with plenty of water and soap.

In case of eyes contact: Rinse immediately with plenty of water for 10 minutes and seek medical advice.

In case of Ingestion: A suspension of activated charcoal in water, or petroleum jelly may be administered.

Wash the mouth thoroughly and drink plenty of water. In case of disease consult a physician immediately and present this safety-data sheet.

In case of inhalation: Remove casualty to fresh air and keep warm and at rest.

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

No specific hazards are encountered under normal product use.

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

(see paragraph 4.1)

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: None in particular.

Extinguishing media which must not be used for safety reasons:

None in particular.

5.2. Special hazards arising from the substance or mixture

The product does not present a fire hazard

The original ingredients or unidentified toxic and/or irritant compounds may be present in the combustion fumes.

5.3. Advice for firefighters

Use suitable breathing apparatus

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures:

Wear personal protection equipment.
Remove persons to safety.
See protective measures under point 7 and 8.

6.2. Environmental precautions

Limit leakages with earth or sand.
Do not allow to enter into soil/subsoil.
Do not allow to enter into surface water or drains.
Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains,

Inform the responsible authorities.

Suitable material for taking up: Absorbing material, organic, sand

6.3. Methods and material for containment and cleaning up

Suitable material for taking up: Absorbing material, organic, sand Wash with plenty of water.
Retain contaminated washing water and dispose it.

6.4. Reference to other sections See also section 8 and 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.
Do not eat or drink while working.

See also section 8 for recommended protective equipment.
Fine dust may form explosive mixture with air.
Keep away from open flames, heat and sparks. Do not remove shrink film in hazardous locations (because of risk of static charging/discharge)

7.2. Conditions for safe storage, including any incompatibilities

Incompatible materials: None in particular.

Instructions as regards storage premises:
Adequately ventilated premises.
Store above 5°C.

7.3. Specific end use(s)

None in particular

SECTION 8: Exposure controls/personal protection

8.1. Control parameters when cutting with abrasive wheel

free crystalline silica ($\text{Ø} > 10 \mu$) - CAS: 14808-60-7

ACGIH - LTE mg/m³(8h): 0,025 mg/m³ - Notes: A2 (R) - Pulm fibrosis, lung cancer DNEL Exposure Limit Values

N.A.

PNEC Exposure Limit Values: N.A.

8.2. Exposure controls

Eye protection: Operate according good working practices.

Protection for skin: No special precaution must be adopted for normal use.

Protection for hands: Not needed for normal use.

Respiratory protection: Not needed for normal use.

In case of insufficient ventilation of when cutting with abrasive wheel, use mask with B type filters (EN 14387).

Personal Protective Equipment should comply with relevant CE standards (as EN 374 for gloves and EN 166 for goggles), correctly maintained and stored.

Consult the supplier to check the suitability of equipment for user information.

Thermal Hazards: None

Environmental exposure controls: None

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and Appearance:

Chemical properties: Paste and or mineral composite .

Colour: N.A.

Odour: Minimal

Odour threshold: N.A.

Melting point/freezing point: TG Movement stable to (45°C)/ Freezing point -(10°C)/

Initial boiling point and boiling range:

N.A.

Solid/gas flammability: N.A.

Upper/lower flammability or explosive limits:

N.A.

SECTION 10: Stability and reactivity

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| 10.1. Reactivity | Stable under normal conditions |
| 10.2. Chemical stability | Stable under normal conditions |
| 10.3. Possibility of hazardous reactions | None |
| 10.4. Conditions to avoid | Stable under normal conditions |
| 10.5. Incompatible materials | None in particular |
| 10.6. Hazardous decomposition products | None |

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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| Route(s) of entry: | |
| Ingestion: | Yes |
| Inhalation: | No |
| Contact: | No |

Toxicological information related to the product:

There is no toxicological data available on the dry formulated mixture.

Consider the individual concentration of each component to assess toxicological effects resulting from exposure

None

SECTION 12: Disposal considerations

12.1. Waste treatment methods Recover if possible. In so doing, comply with the local and national regulations currently in force.

91/156/EEC, 91/689/EEC, 94/62/EC and subsequent amendments.

Disposal of hardened product (EC waste code) :
08 04 10

Disposal of not hardened product (EC waste code) :
08 04 16

The suggested European waste code is just based on the composition of the product. According to the specific process or application field a different waste code may be.

SECTION 13: Transport information

13.1. UN number N.A.

13.2. UN proper shipping name N.A.

13.3. Transport hazard class(es) Rail/Road(RID/ADR):

Air (ICAO/IATA): Sea (IMO/IMDG): N.A.

13.4. Packing group N.A.

13.5. Environmental hazards N.A.

13.6. Special precautions for user N.A.

13.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

The information contained herein is based on our state of knowledge at the date of printing. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is adequate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.