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MATERIAL SAFETY DATA SHEET:

Product Safety Data (COSHH) Information relating to tuffgrit® and tuffsand® Pavement Joint fillers

1 Identification of the products and company

Trade Names:

tuffgrit® & tuffsand® - joint fillers for wide and narrow paving joints

Manufacturer:

tuffbau® limited
1 Northwick Road
Canvey Island
Essex
SS8 0PU

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2 Composition/Information on Ingredients

tuffgrit® is a blended mixture of

- Natural aggregates produced from crushed igneous rock
- Crushed/milled recycled glass
- Powdered vegetable matter

tuffsand® is a blended mixture of

- Natural occurring sand
- Crushed/milled recycled glass
- Powdered vegetable matter

3 Hazardous Identification

Hazard designation: These products are classified as **NON-HAZARDOUS** in accordance with the CHIP regulations and falls outside of the REACH regulations

The main health hazard associated with natural aggregates is airborne dust. If inhaled over prolonged or extended periods can constitute a long-term health hazard.

Risk Phrase R36/37/38

Safety Phrase S2, S22, S24/25, S26, S28, S36/37/39, S63

Details of Risk/Safety Phrases can be found in section 15

4 First Aid Measures

Inhalation: Remove to fresh air and if nose or airways become inflamed seek medical advice.

After skin contact: Wash the affected areas with soap and water and if irritation occurs seek medical advice.

After eye contact: Immediately rinse the affected eyes with copious amounts of clean water and if irritation persists, seek medical advice.

After ingestion: Wash out mouth with water and if discomfort develops or persists seek medical advice

5 Fire Fighting Measures:

Suitable extinguishing media: Not applicable

Special exposure hazards: None

Special protective equipment for fire fighters: None

6 Accidental Release Measures

No dangerous chemicals are released

Before sweeping dampen the product with water to avoid airborne dust and collect using mechanical means

7 Handling and Storage

Handling: The Manual Handling Operations Regulations 1992 (MHO) came into force on 1 January 1993. Practical guidance on the regulations is given in the HSE booklet:

Manual handling: Guidance on regulations ISBN 0 11 886335 5

Storage: Store in a dry place in original packaging on pallets

8 Exposure Controls/Personal Protection

Workplace Exposure Limits: The following and current Workplace Exposure Limits (WEL) for airborne dust are given in HSE Guidance EH40/2005, based on an 8 Hour Time Weighted Average (TWA)

- Total Inhalable Dust 10mg/m³
- Respirable Dust 4mg/m³
- Respirable Silica 0.1mg/m³

Personal protection: Avoid contact with eyes and skin by the use of safety goggles and gloves

Respiratory protection: Suitable filter masks should be worn if the exposure limit above is likely to be exceeded

9 Physical and Chemical properties

Appearance: Granular in appearance in various colours according to product

Relative density: 1700-2000kg/m³

Solubility: Will swell with the addition of water

10 Stability and reactivity

No instability when stored correctly

11 Toxicological information

Not classified as hazardous

12 Ecological information

Environmental Assessment – sand and crushed aggregates are naturally occurring minerals and with recycled glass have no adverse environmental effects, when used and disposed of as intended.

Persistence and Degradability – sand, crushed aggregates and recycled glass are resistant to degradation, are insoluble and non-volatile

13 Disposal considerations

Empty bags must be disposed of in accordance with current waste disposal regulations

14 Transport information

Not classified as hazardous

15 Regulatory information

Products are classified under the HSE list of symbols, abbreviations, risk and safety phrases: Chemical (Hazard Information and Packaging for Supply) Regulations 2002 and Control of Substances Hazardous to Health regulations (COSHH)

| | | |
|----------------|---|---|
| Risk phrases | R36/37/38 | Irritating to eyes, respiratory system and skin. |
| Safety phrases | S2 S22 S24/25 S26 S28 S36/37/39 S63 | Keep out of the reach of children. Do not breathe dust. Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of water. Wear suitable protective clothing, gloves and eye/face protection In case of accident by inhalation: remove casualty to fresh air and keep at rest. |

16 Other Information

The information contained in this document is based on our current state of knowledge and is intended to describe our products in accordance with current safety requirements.