



## SAFETY DATA SHEET

### Clay Drain Mat

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#### 1. Identification of the Substance/Preparation and Company/Undertaking

Preparation Commercial Name: **Bentonite Clay Drain Mat.**

Company/Undertaking Name: As above. Emergency Telephone Number: 01709 542259

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#### 2. Composition/Information on Ingredients

Products are based on a high quality food grade clay.

Products in putty format (Drain Mat) contain the following:-

1,2-Benzisothiazol-3(2H)-one, CAS 002634-33-5, hazard symbol X<sub>n</sub>, R-phrases R22/R38/R43: <0.05% w/w

No other ingredients with health effects under CHIP or COSHH are present in the formulations.

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#### 3. Hazards: All these products are classified as **non-hazardous** according to current CHIP regulations.

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#### 4. First Aid Measures Skin contact: Rinse with plenty of water.

Eye contact: Rinse with plenty of water for at least 10 minutes. Seek medical assistance if irritation persists.

Ingestion: Highly unlikely to pose a problem. Seek medical attention if effects experienced.

Inhalation: Not expected to pose a problem. Remove to fresh air and seek medical attention if effects persist.

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#### 5. Fire-Fighting Measures: All clay mat products are non-combustible.

Firefighters should wear self-contained breathing apparatus if these products are involved in a fire.

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#### 6. Accidental Release Measures:

Material is bio-inert - no special precautions necessary.

Note: wet material may cause surfaces to become slippery. See also Section 8.

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#### 7. Handling and Storage:

Protect mats from frost, and

excessive heat. Ensure packaging remains intact - product shelf life is 5 years provided seal is not broken.

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#### 8. Exposure Control and Personal Protection: CLAY DRAIN MATS ARE NON-HAZARDOUS, BUT:-

Being highly absorbent, dry powder may cause some physical irritation to the eyes and have a slight drying effect on the skin. If large quantities of powder are raised as an airborne dust, material may become a respiratory irritant as a nuisance dust (suggested OEL 10mg.m<sup>-3</sup>). Clay mats may slightly de-fat the skin, irritate the eyes and/or have a slight drying effect on the skin on prolonged contact.

However, since these products tend to be used only briefly, and are supplied only in relatively small packs, these aspects are **extremely unlikely to pose any problems**; if risk assessment dictates, wear gloves, goggles and /or dust mask as appropriate.

**NOTE: on removal after use, if contaminated with a pollutant, OBSERVE PRECAUTIONS APPLICABLE TO THE POLLUTANT ITSELF.**

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SDS 4000

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#### 9. Physical and Chemical Properties

Physical Form: Free flowing powder or stiff putty      Colour: Beige      Odour: None or slight  
pH of Aqueous Sol'n: N/A      Boiling Point: N/A      Melting Point: N/A  
Viscosity: 8-30 cps for 6.25% solids in deionized water      Flash Point: N/A      Flammability: N/A  
Autoflammability: N/A      Explosive Properties: N/A      Oxidising Properties: N/A  
Vapour Pressure: N/A      Density: ~1.30 (Mats/Strips)      Water Solubility: Gels readily  
Other Solubility: Gels readily with many liquids      Density: ~1.15 (Ready Mix)      Bulk Density: ~1.00 (Powder)

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#### 10. Stability and Reactivity

Thermal Decomposition: Nil, except for mats/strips/ready mix which may liberate relatively small quantities of carbon monoxide and propionaldehyde.

Hazardous Reactions: May react violently with strong oxidising agents; otherwise particularly inert and stable.

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#### 11. Toxicological Information

Oral: Nil      Inhalation: Nil

Dermal: products have a slight potential to cause minor de-fatting and irritation.

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#### 12. Ecological Information

Mobility: Low      Persistence and degradability: Good      Bioaccumulation: Nil

Aquatic toxicity: Nil      Bacterial Toxicity: Nil      WGK Class: N/A

All constituent materials are either bio-inert or biodegradable, or else present in the formulations in such miniscule proportions that they may be regarded as negligible (see section 2), with the exception of all Ready Mix Products - contain <4% (w/w) recycled natural elastomer.

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#### 13. Disposal Considerations:

Dispose of materials in accordance with appropriate legislation/regulations.

**NOTE:** if contaminated with a pollutant, observe disposal & safety considerations appropriate to the pollutant itself.

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#### 14. Transport Information

UN Name: Not assigned      UN Number: Not assigned

IMDG Code/Class: Non hazardous      IMDG Code Page Number: N/A

ICAO/IATA (Air) Class: Non hazardous      Packing Group: N/A

ADR Class: Non hazardous      ADR Item Number: N/A

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#### 15. Regulatory Information

Classification in accordance with current CHIP regulations:-

Symbols: None      Risk Phrases: None      Safety Phrases: None      Exposure Limits: None

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#### 16. Other Information

No effective change in hazard/risk parameters has occurred in this or any previous revision of this Data Sheet.

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