



Shay and Company  
10639 SE Fuller Rd  
Milwaukie, OR 97222  
Ph: 503-653-1155  
info@shayandcompany.com

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# SAFETY DATA SHEET

Version: 1.0  
Revision Date:

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## 1. Product and Company Identification:

**Product:** Bentonite Clay  
**Item Code:** 99042  
**Distributor:** Shay and Company

## 2. Hazard Identification:

**Hazard Symbol:** n/a This product is not dangerous according to REACH Regulation 1907/2006.  
**Risk Phrases:** None

## 3. Composition/Information on Ingredients:

**Ingredient Deck:** Bentonite Clay  
**Hazardous Ingredient/s:** none

## 4. First Aid Measures:

**Inhalation:** Avoid breathing in the dust  
**Eyes:** Wash immediately & thoroughly with clean tap water.  
**Skin:** No instruction as this is a non-toxic product.  
**Ingestion:** Do not ingest in large quantities

## 5. Fire Fighting Measures:

**Suitable Extinguishers:** Foam, Co2, Dry Chemical Powder.  
**Hazardous Decomposition Products:** n/a  
**Special Fire Fighting Procedures:** Standard. Wear self-contained breathing apparatus in confined spaces.

## 6. Accidental Release Measures:

**Personal Precautions:** None required  
**Environmental Precautions:** None required  
**Clean Up Procedure:** Sweep up and dispose of according to local regulations

## 7. Handling and Storage:



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**Handling Precautions:** Handle in accordance with good hygiene and safety practice. Keep containers sealed when not in use. Prevent spills & leaks to avoid slip hazard.

**Storage Requirements:** Keep the product container tightly closed, in a dry, ventilated area, away from moisture.

#### 8. Exposure Controls/Personal Protection:

**Occupational Exposure Limit:** n/a

**Biological Exposure Limit:** none

**Ventilation:** none

**Respiratory Protection:** none required; use as per individual preference

**Eye Protection:** Not required as a non-toxic product, however we still recommend taking precautions by wearing protective eye-wear when handling the product.

**Skin Protection:** none

#### 9. Physical and Chemical Properties:

**Description:** Dark tan to brown, free-flowing powder

**Extracted Method:** Mined then milled

**Odor:** Odorless

**Melting Point:** >1200°C

**Refractive Index:** No data

**Solubility in water at 20°C:** Not soluble

#### 10. Stability and Reactivity:

**Condition to Avoid:** Storage at high temperatures. Do not store above 20°C.

**Materials to Avoid:** Concentrated acids, alkalis & oxidizing agents.

**Hazardous Decomposition Products:** none

**Stabilization Techniques:** This product does not decompose under normal conditions. Under fire conditions the product will produce a mixture of irritating fumes & smoke.

#### 11. Toxicological Information:

**Acute Toxicity:** A non-toxic product. For pharmaceutical & cosmetic use only.

**Skin Irritation:** Mild; can cause redness.

**Eye Damage or Irritation:** Mild

**Respiratory or Skin Sensitivity:** Mild

**Carcinogenicity:** None

**Reproductive Toxicity:** None

#### 12. Ecological Information:



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**Toxicity:** None  
**Persistence and Biodegradability:** Biodegradable  
**Bio-accumulative Potential:** None  
**Mobility in Soil:** Low to none

### 13. Disposal Considerations:

**Handling Precautions:** None  
**Method of Disposal:** Always recover spilled product. Discard waste material with authorized waste management services. Act in accordance with local & national waste regulations.  
**Contaminated Packaging:** None

### 14. Transportation Information:

Road (ADR), Rail (RID), Sea (IMDG) and Air (ICAO), transport not restricted in drums or food tankers.

### 15. Regulatory Information:

None

### 16. Other Information:

The information provided above is intended only as a guide to the appropriate precautionary handling of the item. It is the responsibility of the customer and user to ensure it has in place provisions for the safe and proper handling of the material. Shay and Company believes the above information to be accurate based on the information available, however, it is the responsibility of the customer and user of the material to perform its own investigation and due diligence prior to use to verify that the product purchased from Shay and Company meets their quality requirements and is appropriate for the use to which the product is to be put.