

MATERIAL SAFETY DATA SHEET

SEA CLAY

MSDS

1. PRODUCT NAME AND COMPANY IDENTIFICATION

Product Name: SEA CLAY
Product Use: Personal Care Formulations
Company Name: Natural Sourcing
Company Address: 341 Christian Street, Oxford, CT 06478, USA
Date Issued: 8/1/2008
Emergency Telephone Number: Chemtrec Tel: (800) 262-8200

2. COMPOSITION/INGREDIENT INFORMATION

Ingredients: Hydrous alumina silicate
Hazardous Ingredients: No preservatives or solvents present. Total quartz (SiO₂) is not more than 30% by dry weight, and it is not fine enough to be normally respirable.
CAS No: 1332-58-7

3. HAZARDS IDENTIFICATION

Emergency Overview:
Inhalation: The product may contain breathable dust. Prolonged inhalation of a high concentration of dust may affect lung function. To use in complete safety, respect exposure limits.
Exposure Limits:
OSHA PEL: 0.90 mg/m³ As Total Dust
0.58 mg/m³* As Respirable Dust
TLV-TWA: 0.3 mg/m³* As Respirable Dust
* Based on free silica content

4. FIRST AID MEASURES

Eyes: Flush with plenty of water or eye wash solution for 15 minutes. Get medical attention if irritation persists.
Skin: Wash off with water.
Ingestion: No particular measure. Seek medical attention if large dose is ingested.
Inhalation: Remove to fresh air. If continued respiratory irritation occurs or if breathing becomes difficult, seek medical attention.
Medical Conditions Generally Aggravated by Exposure: None

5. FIRE FIGHTING MEASURES

Inflammable, not toxic. No reported risk in the event of fire.

Special Firefighting Procedures: N/A
Unusual Fire & Explosion Hazards: N/A

6. ACCIDENTAL RELEASE MEASURES (STEPS FOR SPILLS)

Precautions: Avoid dust formation. In the event of a high level exposure to volatile dust, wear a protective mask and safety goggles.

Methods for Cleaning Up: Sweep up small spills carefully. For large spills, use water sprays or ventilated evacuation systems to prevent dust prevention. Dispose of according to local regulations.

Risks of falls and slips: Dampening the floor while cleaning a clay storage site may render it extremely slippery. Dry cleaning is recommended if people are required to continue working on the site.

7. HANDLING AND STORAGE

Handling

Safe Handling: Avoid dust formation. Provide appropriate ventilation where dust forms. In the event where there is insufficient ventilation wear suitable breathing equipment.

Storage

Requirements for Storage Areas and Containers: Store in closed containers below 30°C in well ventilated areas. May be slippery when wet.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Exposure Value Limits:

OSHA PEL: 0.90 mg/m³ As Total Dust
0.58 mg/m³* As Respirable Dust

TLV-TWA: 0.3 mg/m³* As Respirable Dust
* Based on free silica content

Eye: Safety glasses should be worn.

Skin/Body: Gloves should be worn.

Respiratory: In the event of exposure to dust beyond regulatory limits, and even in general during any type of handling wear a NIOSH approved dust/mist respirator.

Ventilation: Provide appropriate ventilation and filters in places where dust may be generated.

Other: Evaluate need based on application. Slip proof shoes may be worn where spills may occur.

Work/Hygiene Practice: Normal work and hygiene practices

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Powder

Color: Green gray

Odor: Earthy

Vapor Pressure: N/A

Apparent Density: 2.7

Solubility: Slightly soluble in water.

10. STABILITY AND REACTIVITY

Stability: Chemically stable, no particular incompatibility, product is without risk of decomposition.

11. TOXICOLOGICAL INFORMATION

Effects of Overexposure: No acute toxicity
Short Term Acute: Minor & reversible. Mechanical irritation to nose and eyes.
Long Term: Exposure to dust and free silica in concentration higher than recommended PEL may cause silicosis.
Carcinogenicity: No reported evidence of carcinogenicity from sea clay > limited evidence of carcinogenicity from minor silica content (IARC 2A).

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data reported

13. DISPOSAL CONSIDERATIONS

Residual Waste / Unused Products: They can be buried in accordance with local regulations. The material must be buried to prevent emission of breathable dust. If possible, recycling is preferable to storing.
Packaging: No particular requirement. In all cases, dust formation due to residues during packaging must be avoided and suitable protection must be provided to workers.

14. TRANSPORT INFORMATION

No precautions required by the regulations of transporting hazardous good. Avoid dust spreading.
DOT Classification: Not classified
IATA Classification: Not classified
IMDG: Not classified

15. REGULATORY INFORMATION

No information

16. ADDITIONAL INFORMATION

This information is provided for documentation purposes only.
This product is not considered hazardous.

The complete range of conditions or methods of use are beyond our control therefore we do not assume any responsibility and expressly disclaim any liability for any use of this product. Information contained herein is believed to be true and accurate however, all statements or suggestions are made without warranty, expressed or implied, regarding accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof. Compliance with all applicable federal, state, and local laws and local regulations remains the responsibility of the user.

This safety sheet cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers.