

ZeoSand Material Safety Data Sheet

1. Product and Company Identification

Trade name: ZeoSand
Manufacturer: ZEO, Inc.
P.O. Box 2353
McKinney, TX 75070
www.zeoinc.com

800-530-8283
972-542-0053
972-542-0211 Fax
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2. Composition/In Information on Ingredients

Composition: 100% natural zeolite ore

Common names: Clinoptilolite, clino, zeolite, Hydrated sodium potassium calcium aluminosilicate

Empirical formula: $(\text{Na}^+, \text{K}^+, \text{Ca}^{++}, \text{Mg}^{++})^{+6}[(\text{AlO}_2)_6(\text{SiO}_2)_{30}]^{-6} \cdot 24 \text{H}_2\text{O}$

CAS Registry No.: 001318-02-1

3. Hazards Identification

Contains less than 0.1% crystalline silica.

4. First Aid Measures

Skin and Eye Contact: Flush with water.

Inhalation: Move to dust free air. Administer oxygen and CPR if breathing stops.

Ingestion: Drink 16 ounces (500 ml) of water.

5. Fire Fighting Measures

Flash point: None **Flammable limits:** None

Not a fire or explosion hazard; EcoSand may be used in place of sand to extinguish Class A and B fires.

6. Accidental Release Measure

Wear dust protection. Sweep or scoop up and dispose in non-hazardous waste.

7. Handling and Storage

Handle in a way to minimize dust. Store at ambient temperature.

8. Exposure Controls/Personal Protection

Wear dust mask or safety glasses to prevent nuisance dust from entering nose, mouth and eyes.

9. Physical and Chemical Properties

Appearance: Green solid

Sp. gr. (water=1): 0.85

Odor: None

Melting point (°C): > 1,200

10. Stability and Reactivity

Stability: Stable

Hazardous polymerization: None

Incompatibility: None

11. Toxicological Information

OSHA: Free silica is not listed as a carcinogen.

12. Ecological Information

Waterfowl Toxicity: Not applicable

Food chain concentration: Not applicable

Atmospheric: Not applicable

Aquatic toxicity: Not applicable

Biochemical oxygen demand: Not applicable

13. Disposal Considerations

Natural zeolites are not classified as hazardous under RCRA.

14. Transport Information

Natural zeolites are not classified as hazardous material by the US DOT.

15. Regulatory Information

CLERCLA: Not classified as a hazardous substance.

16. Other Information

None

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