



MATERIAL SAFETY DATA SHEET (MSDS)

Pumice Stone

Product Name: Pumice Stone

Product Type: Natural Volcanic Mineral

Recommended Uses: Construction, filtration, agriculture, cosmetics, abrasive applications

Supplier: Basekim Company

1. Hazard Identification

Pumice is a naturally occurring mineral and is generally not classified as hazardous under normal handling conditions.

Potential hazards:

- Dust may cause eye, skin and respiratory irritation.
- Fine airborne particles should not be inhaled.
- Sharp particles may cause minor mechanical irritation.
- Large quantities may create slip hazards.

Signal Word: Not required under normal use.

2. Composition

Component	Typical Content
Silicon dioxide (SiO ₂)	Major component
Aluminium oxide (Al ₂ O ₃)	Present
Iron, calcium, magnesium oxides	Minor components
Natural volcanic minerals	Balance

Composition varies depending on mining source and grade.



3. First-Aid Measures

Inhalation:

Move to fresh air. Seek medical advice if coughing or respiratory irritation continues.

Eye Contact:

Rinse eyes with clean water for at least 15 minutes.

Skin Contact:

Wash with soap and water.

Ingestion:

Rinse mouth and drink water. Seek medical advice if discomfort occurs.

4. Firefighting Measures

Pumice is **non-combustible**.

Suitable extinguishing media should be selected according to the surrounding fire.

No hazardous combustion products are expected from the mineral itself.

5. Accidental Release Measures

- Avoid creating airborne dust.
- Wear suitable protective equipment during cleanup.
- Collect spilled material mechanically.
- Use vacuum equipment suitable for mineral dust where possible.
- Prevent unnecessary release into drains and waterways.

6. Handling and Storage

- Avoid breathing dust during handling.
- Provide adequate ventilation in enclosed areas.
- Store in a dry place.
- Protect from contamination and moisture.
- Keep bags or bulk containers properly closed.
- Use appropriate lifting methods for heavy packages.



7. Personal Protection

Eyes: Safety glasses or goggles.

Hands: Protective gloves.

Respiratory Protection: Dust mask or suitable particulate respirator when dust levels are high.

Body: Normal protective work clothing and safety footwear.

8. Physical and Chemical Properties

Property	Typical Information
Appearance	White, grey or light-coloured porous volcanic rock
Physical Form	Stone, granule or powder
Odour	Odourless
Water Solubility	Insoluble
Density	Low-density porous mineral
Hardness	Approximately Mohs 5–7
Flammability	Non-combustible

9. Stability and Reactivity

Stable under normal storage and handling conditions.

Avoid:

- Excessive dust generation
- Contact with strong acids where chemical reactions may occur

No hazardous polymerisation is expected.



10. Toxicological Information

Normal handling presents low toxicity.

Dust exposure may cause:

- Eye irritation
- Nose and throat irritation
- Temporary respiratory discomfort

Avoid prolonged inhalation of mineral dust.

11. Environmental Information

Pumice is a natural mineral and is not expected to present significant environmental hazards.

Avoid uncontrolled discharge of large quantities into waterways.

12. Disposal Considerations

- Reuse or recycle where possible.
- Dispose of waste according to local regulations.
- Clean packaging before disposal or recycling.

13. Transport Information

Pumice is generally **not classified as dangerous goods** for road, sea or air transport.

UN Number: Not assigned

Transport Class: Not regulated



14. Important Notice

This MSDS is a general safety document for natural pumice products. Properties such as particle size, density, colour and mineral composition may vary depending on the source and grade.

Final specifications should be confirmed by the product Certificate of Analysis (COA).