

SAFETY DATA SHEET

Assay Pills

Section 1. Chemical Product and Company Identification

COMPANY ADDRESS:

Geostats Pty Ltd
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Australia

EMERGENCY TELEPHONE NUMBERS:

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PRODUCT NAME

: "GAP"

PRODUCT USE

: Quality Assurance and Control – Mineral Exploration, Mining and Laboratory

Section 2. Hazards Identification Summary

Description: 1g assay pills in glass jars containing 25 assay pills.

The assay pills are a cured silica (70%) and cement (30%) mix.

Health Hazards: Inhalation of large quantities of crystalline silica and may lead to serious illness.



Section 3. Composition, Information of Ingredients

The Assay Pills are composed of crystalline silica (quartz, CAS 7631-86-9), and cement (CAS 65997-15-1).

Section 4. First Aid Measures

Inhalation: No specific first-aid is necessary since the adverse health effects associated with exposure to crystalline silica (quartz) result from chronic exposure. If there is a gross inhalation, remove the person immediately to fresh air, give artificial respiration as needed, seek medical attention as needed.

Eye contact: Wash immediately with water. If irritation persists, seek medical attention.

Section 5. Fire Fighting Measures

The materials are not flammable, combustible or explosive.

Section 6. Accidental Release Measures

Spills: Use dustless methods (vacuum) and place into closable container for disposal, or flush with water. Do not dry sweep. Wear protective equipment specified below.

Section 7. Handling and Storage

Handling: Use only in a well-ventilated area. Minimise dust generation and accumulation. Employ P2 particle filter while handling. Keep away from heat, sparks and flames and hot surfaces. No smoking.

Storage: Stored in containers and plastic bags in a cool place, away from direct sunlight.

Section 8. Exposure Controls, Personal Protection

Local Exhaust: Use sufficient local exhaust to reduce the dust level.

Respiratory Protection: P2 particle filter.

Section 9. Physical and Chemical Properties

Appearance:	1g pill – cylindrical shape with diameter and height of approximately 6mm.
Flammability:	Not flammable
Specific Gravity:	2 - 4 g/cc
Solubility in Water:	Not soluble

Section 10. Stability and Reactivity

Stability: The major components of the material are stable.

Section 11. Toxicological Information

The major concerns are silicosis, caused by the inhalation and retention of respirable crystalline silica dust.

Section 12. Ecological Information

There exists no evidence for the materials to be ecotoxic.

Section 13. Disposal Considerations

The packaging should be recycled where possible, material may be landfilled. Material should be covered to minimize generation of airborne dust.

Section 14. Transport Information

Not classified as a dangerous goods under the Australian Dangerous Goods (AGD), International Maritime Dangerous Goods (IMDG), or International Air Transport Association (IATA) codes.

Section 15. Regulatory Information

Products containing crystalline silica are classified as hazardous according to the Globally Harmonised System of classification and labelling of chemicals (GHS) and Work, Health and Safety regulations.

Section 16. Other Information

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