

Material Safety Data Sheet

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Infosafe No. A00SZ
Product Name: SPONGOLITE

Not Classified as Hazardous according to criteria of Worksafe Australia

COMPANY DETAILS

Company Name SOUTHERN SPONGOLITE INDUSTRIES (ACN 166 124 518)
Address PO Box 508, Albany W.A 6331
Tel/Fax Ph: 08 98429 666 Fax: 08 98429 555

IDENTIFICATION

Product Name SPONGOLITE
Proper Shipping Name None Allocated
UN Number None Allocated
DG Class None Allocated
Packing Group None Allocated
Hazchem Code None Allocated
Poisons Schedule Not Scheduled
Product Use Absorbent for liquids and a water retention aid in soil.

Physical Data

Appearance Cream coloured odourless granules.
Melting Point Not established
Boiling Point Not established
Vapour Pressure < 0.1 mmHg
Specific Gravity Not available
Flash Point Not applicable
Flamm. Limit LEL Not applicable
Flamm. Limit UEL Not applicable

Other Properties

Form Solid
Formula SiO₂. nH₂O

Ingredients

Ingredients	Name	CAS	Proportion
	disordered alpha-Cristobalite	None	60-100%
	Kaolinitic clay	None	0-10%
	Crystalline Silica	14464-46-1	0-10%

HEALTH HAZARD INFORMATION

Health Effects

Acute - Swallowed Material is biologically inert. Granules however could physically block airways, but there are no known toxic effects.

Acute - Eye May cause mechanical irritation in contact with the eyes.

Acute - Skin May cause mechanical irritation in contact with the skin.

Acute - Inhaled Dust may be irritating to the upper respiratory tract.

Chronic No long term health effects are known for this product when used as intended and as directed. This material contains a disordered alpha-cristobalite, which is a low temperature formed material, and is non-crystalline, and thus is dissimilar to the crystalline form responsible for lung silicosis. Similarly the quartz component while crystalline, is present as a fine sand, and is not expected to reach an air-borne respirable concentration exceeding 1%, and thus not anticipated to be respirable.

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First Aid

Swallowed Immediately wash out mouth with water, and then give plenty of water to drink. If irritation develops seek medical attention.

Eye If contact with the eye(s) occur, wash with copious amounts of water for approximately 15 minutes holding eyelids(s) open. Take care not to rinse contaminated water into the non-affected eye. If irritation develops seek medical attention.

Skin Remove all contaminated clothing. Wash gently and thoroughly with water and non-abrasive. Ensure contaminated clothing is washed before re-use or discard. If irritation develops seek medical attention.

Inhaled Remove all contaminated clothing. Wash gently and thoroughly with water and non-abrasive soap for 15 minutes. Ensure contaminated clothing is washed before re-use or discard. If irritation develops seek medical attention.

First Aid Facilities Eye wash fountains and normal wash room facilities.

Advice to Doctor

Advice to Doctor Treat symptomatically.

Other Health Hazard Information

PRECAUTIONS FOR USE

Exposure Limits	Name	TWA		STEL	
		ppm	mg/m3	ppm	mg/m3
Other Exposure Info.	Crystalline Silica	Footnote			
		0.1			
Eng. Controls	Exposure Standard means the average concentration of a particular substance in the worker's breathing zone, exposure to which, according to current knowledge, should not cause adverse health effects nor cause undue discomfort to nearly all workers. It can be of three forms; time-weighted average (TWA), peak limitation, or short term exposure limit (STEL). Use local exhaust ventilation where dust may be a problem. Avoid generating and inhaling dusts. Use with adequate ventilation.				

Personal Protection

Respirator Type (AS 1716) Where ventilation is inadequate the use of a Class P1 half facepiece respirator with replaceable filter complying with AS/NZS 1715 and AS/NZS 1716 is recommended.

Eye Protection The use of chemical goggles or safety glasses with side shield protection is recommended.

Glove Type The use of Nitrile rubber gloves is recommended.

Flammability

Fire Hazards Non combustible material.

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SAFE HANDLING INFORMATION

Storage and Transport

Storage Precautions Keep product dry to prevent lumping or possible deterioration.

Transport Not classified as a Dangerous Good, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Handling Ensure a high level of personal hygiene is maintained when using this product. That is; always wash hands before eating, drinking, smoking or using the toilet.

Proper Shipping Name None Allocated

EPG Number N/A

IERG Number N/A

Spills and Disposal

Spills & Leaks Scoop up spills and place in container. Avoid creating any dusts. Wear appropriate respiratory protection, safety glasses and overalls as a precaution. When used to absorb hazardous substances treat as per that substance.

Disposal Disposal of this material should be undertaken by a registered chemical disposal company.

Fire/Explosion Hazard

Fire/Explos. Hazard No known explosion hazards or hazardous combustion products.

Fire Fighting Wear Self-Contained Breathing Apparatus (S.C.B.A) and full protective clothing to minimise skin exposure.

Precautions Use appropriate fire extinguisher for surrounding environment.

Extinguishing Media Spongolite may react violently with hydrofluoric acid and vinyl acetate.

Hazardous Reaction None Allocated

Hazchem Code None Allocated

OTHER INFORMATION

Toxicology Human systemic effects by inhalation: cough, dyspea, liver effects. No LD50 (inhalation) data is available for either product or ingredients.

Environ. Protection No known environmental effects. Spongolite consists predominately of naturally occurring marine deposits.

Pkg. & Labelling No special requirements.

References Registry of Toxic Effects of Chemical substance, National Institute for Occupational Safety and Health, Cincinnati, USA.
Windholz, Martha (ed.), 'The Merck Index' 10th edition, Merck & Co. Inc. (1983).

CONTACT POINT

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