

Spongolite - X900 June 2023

SECTION 1: IDENTIFICATION OF MATERIAL AND SUPPLIER

1. PRODUCT NAME:	SPONGOLITE	
1.2 MANUFACTURER:	Southern Spongolite PO Box 99 North Fremantle, WA 6159	Telephone +61 (08) 9384 7074
3. RECOMMENDED USE:	Absorbent for liquids and a water retention aid in soil	
1.4 EMERGENCY PHONE:	+61 (0)412 046 188	

SECTION 2: HAZARD IDENTIFICATION

This material is not classified as hazardous according to criteria of Worksafe Australia. NON-HAZARDOUS.

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods, Code for transport by Road and Rail; NON-DANGEROUS GOODS

GHS classification Non hazardous

Label elements

Signal word: None Not hazardous

Hazard Statements

Not hazardous. No criteria found.

Precautionary Statements

Prevention:	P280	Wear protective gloves/ protective clothing/ eye protection/ face protection
Response:	P353	Rinse skin with water /shower
	P305 + 351 + 338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do so. Continue rinsing.
	P337 + 313	If eye irritation persists: Get medical attention.
Storage:	P402 +404	Store in a dry place. Store in a closed container.

SECTION 3: INFORMATION ON INGREDIENTS

INGREDIENT	CASNo	%	TLV
Disordered alpha-cristobalite	None	95-100%	N/A
Crystalline Silica	14464-46-1	0-0.1%	0.025

Values are not product specification.

SECTION 4: FIRST AID MEASURES

SWALLOWED:	Immediately wash out mouth with water and then give plenty of water to drink. If irritation develops, seek medical advice.
EYE:	Flood eyes with clean water for at least 15 minutes keeping eyelids held open. Take care not to rinse contaminates water into the non-affected eye. Transport to a hospital or doctor if irritation develops.
SKIN:	Remove contaminated clothing. Wash affected areas thoroughly with running water and non-abrasive. Seek medical attention if irritation develops.
INHALATION:	Remove from contaminated area to fresh air. Ensure airways are clear and give oxygen if breathing is difficult. If not breathing apply artificial resuscitation. Seek medical attention if irritation develops and persists.
ADVICE TO DOCTOR:	Treat symptomatically based on judgement of doctor and individual reactions of patient.

SECTION 5: FIRE FIGHTING MEASURES

Hazards from combustion products:

Non-combustible material. No known explosion hazards or hazardous combustion products.
Spongolite may react violently with hydrofluoric acid and vinyl acetate.

Precautions for fire fighters and special protective equipment:

Fire fighters to wear self-contained breathing apparatus (SCBA) and full protective clothing.

Suitable Extinguishing Media:

Not combustble, however, If material is involved in a fire use: Fine water spray, normal foam, dry agent (carbon dioxide), dry chemical powder.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Avoid accidents. Clean spills of solid material in a manner which does not disperse dust into air, using standard equipment to prevent eye and skin contact.
Scoop up and place in properly labelled containers.
When used to absorb hazardous substances treat as per that substance.

SECTION 7: HANDLING AND STORAGE

Keep product dry to prevent lumping or possible deterioration. Keep container closed until ready for use. Use appropriate handling equipment to lift large loads.
Material is hazardous to skin. Do not handle without wearing appropriate protective clothing, including vinyl or neoprene gloves, full length sleeves, long trousers and covered shoes.
Do not breathe dust. Wear a dust mask.
Do not swallow.
Do not allow dust to get in eyes, wear safety mask if required.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

There is no known exposure limit for spongolite available to date, however, based on an estimated maximum content of 0.1% crystalline silica (respirable), the following recommended exposure limit was calculated:
8-hour TWA: 4.8mg/m³

Personal Protective Equipment:

Where ventilation is inadequate the use of a class P1 half face piece respirator (AS 1716) with replaceable filter complying with AS/NZS 1715 and AS/NZS1716 is recommended.
The use of safety glasses with side shield protection is recommended.
The use of nitrile rubber gloves is recommended.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Form:	Solid
Appearance:	Cream coloured odourless granules
Odour:	Odourless
Boiling Point:	Not established
Melting Point:	Not established
Vapour Pressure:	<0.1 mmHg
Solubility in Water:	Not soluble
pH:	NIA
Specific Gravity:	Not available

SECTION 10: STABILITY AND REACTIVITY

Stability:	Stable, non-combustible
Incompatibility (materials to avoid):	Spongolite may react violently with hydrofluoric acid and vinyl acetate
Conditions to avoid:	No known conditions are to be avoided
Hazardous polymerisation:	Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

GENERAL:	Material is a highly abrasive and biologically inert mineral.
INGESTION:	Do not ingest. Material is biologically inert, however, granules could physically block airways. Dust may be irritating to the upper respiratory tract. There are no known toxic effects.
EYE CONTACT:	This material is highly abrasive and can cause mechanical irritation.
SKIN CONTACT:	This material is highly abrasive and can cause mechanical Irritation.
SKIN ABSORBION:	Toxic concentrations will not be absorbed through skin.
LONG TERM EFFECTS:	No long term health effects are known for this product.
TOXICOLOGY DATA:	No LD50 (inhalation) data is available for either product or ingredients. Exposure to this product can result in systemic effects (inhalation) including cough, dyspea and Hver effects.

SECTION 12: ECOLOGICAL INFORMATION

GENERAL:	The product predominantly consists of naturally occurring marine deposits. There are no known environmental effects.
PERSISTENCE:	Spongolite is an inert mineral, and thus, will persist in the environment
ENVIRONMENTAL FATE:	Spongolite is an inert mineral; its composition will not change over time

SECTION 13: DISPOSAL CONSIDERATIONS

GENERAL:	Used spongolite that has absorbed Total Petroleum Hydrocarbons C10 - C36 (kerosene, diesel, lubricating oils) that contains no free liquid has been classified as immobilized solid waste suitable for disposal in Solid Waste Landfills with approved leachate-management systems.
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SECTION 14: TRANSPORT INFORMATION

Not classified as Dangerous Goods by the criteria of the Dangerous Goods Code (ADG Code) for transport by road and Rail:
NON-DANGEROUS GOODS

DGCLASS	None allocated
UN NUMBER	None allocated
TRANSPORT HAZARD CLASS	None allocated
SUBSIDIARY RISKS	None allocated
PACKING GROUP	None allocated
ENVIRONMENTAL HAZARDS	None allocated
HAZCHEM	None allocated
SPECIAL PROVISION	None allocated

SECTION 15: REGULATORY INFORMATION

General Information	None - non-regulated goods.
Polson schedule (Aust)	not scheduled

SECTION 16: OTHER INFORMATION

KEY/LEGEND TWA: Time Weighted Average over 8 hours of work.
 STEL: Short Term Exposure Limit during x minutes.
 TLV: Threshold Limit Value over 8 hours of work.

STATUS: Effective Date: 1 June 2023
 Revision: Initial Release
 Supersedes: -

SOURCE OF DATA: Manufacturer