



**Rapid Spill Control Pty Ltd**

1 Blackfriar Pl

Wetherill Park

NSW 2164

[www.rapidspillcontrol.com.au](http://www.rapidspillcontrol.com.au)

# Material Safety Data Sheet Page:1 of 5

Issue Date: October 2004

Product Name: **SPONGOLITE**

Not Classified as Hazardous according to criteria of Worksafe Australia

## Company Details

**Company Name:** Spill Station Australia

**Address:** 1 Blackfriar Pl Wetherill Park NSW 2164

**Tel/Fax** Ph: 02 9725 5640 Fax: 02 9757 4249

## Product Identification

**Product Name** SPONGOLITE

**Proper Shipping** None Allocated  
Name

**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** SiO<sub>2</sub>. nH<sub>2</sub>O

## Ingredients

**Ingredients Name CAS Proportion**

disordered alpha-Cristobalite None 60-100%

Kaolinitic clay None 0-10%

Crystalline Silica 14464-46-1 0-10%



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## 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.

### 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 the source of contamination or move the victim to fresh air.

Ensure airways are clear and have a qualified person give oxygen through a face mask if breathing is difficult. If irritation develops and persists seek medical attention.



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**Advice to Doctor** Treat symptomatically.

## Other Health Hazard Information

### Precautions For Use

**Exposure Limits** Name TWA STEL

ppm mg/m<sup>3</sup> ppm mg/m<sup>3</sup> Footnote

Crystalline Silica 0.1

**Other Exposure** 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).

**Eng. Controls** Use local exhaust ventilation where dust may be a problem.

Avoid generating and inhaling dusts. Use with adequate ventilation.

### Personal Protection

**Respirator Type** Where ventilation is inadequate the use of a Class P1 half facepiece respirator (AS 1716) 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** None Allocated

## **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** Used Spongolite, containing no free liquid, that has absorbed Total Petroleum Hydrocarbons C10 – C36 (kerosene, diesel, lubricating oils) has been classified by the N.S.W. EPA as immobilized solid waste suitable for disposal in Solid Waste Landfills with approved leachate-management systems.

This is because it rapidly absorbs liquids and retains them against leaching.

Disposal of spent Spongolite containing Total Petroleum Hydrocarbons C10 – C36 falls within the EPA General Approvals of Immobilisation published in the NSW Government Gazette on 16 July 1999.

## **Fire/Explosion Hazard**

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

**Fire Fighting** Wear Self-Contained Breathing Apparatus (S.C.B.A) and full protective clothing



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Precautions **to minimise skin exposure.**

**Extinguishing** Use appropriate fire extinguisher for surrounding environment.

Media

**Hazardous** Spongolite may react violently with hydrofluoric acid and vinyl acetate.

Reaction

**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

**Contact** Technical Manager

Ph 02 9725 5460

Updated: 17.4.2005