



Safety Data Sheet

according to WHS Regulations

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Printing date 04.06.2018

Revision: 04.06.2018

1 Identification

Product Name: FILTER SAND

Recommended Use of the Chemical and Restriction on Use:

Municipal water treatment, pool filtration, pool pebble, epoxy flooring, decorative rendering

Details of Manufacturer or Importer:

The POPS Group Pty Ltd as Trustee for The Pool Shops Trust
10-12 Cairns Street
Loganholme QLD 4129

Phone Number:

07 3209 7884

1800 143 788

Emergency telephone number:

1800 033 111

+61 3 9663 2130 International

2 Hazard(s) Identification

Hazardous Nature:

Not classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)

The product is not classified, according to the Globally Harmonised System (GHS).

Signal Word Void

Hazard Statements Void

3 Composition and Information on Ingredients

Chemical Characterization: Mixtures

Description: Mixture of substances listed below with nonhazardous additions.

Hazardous Components:

CAS: 14808-60-7	Quartz (SiO ₂)	 Carcinogenicity 1A, H350; STOT RE 1, H372	99%
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Additional information:

The value given above represents the total quartz content, not the respirable fraction. Exposure to this product is NOT expected to cause harm under normal conditions. However, this product may contain small quantities of respirable quartz, which is a known carcinogen and can cause serious lung damage.

4 First Aid Measures

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

Skin Contact:

Remove contaminated clothing and wash affected areas with soap and water. Seek medical attention if symptoms develop. Launder clothing before reuse.

Eye Contact:

In case of eye contact, check for and remove any contact lenses. Immediately irrigate eyes with plenty of running water for at least 15 minutes, keeping eyelids open. Seek medical attention if symptoms develop.

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Ingestion:

If swallowed, do NOT induce vomiting. Immediately rinse mouth with water. Give a glass of water. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

Symptoms Caused by Exposure:

Inhalation: Material is irritating to mucous membranes and upper respiratory tract.

Skin Contact: No adverse health effects expected.

Eye Contact: Temporary irritation or inflammation.

Ingestion: Ingestion is not expected to be a primary route of exposure. No adverse health effects expected.

5 Fire Fighting Measures

Suitable Extinguishing Media: Use fire extinguishing methods suitable to surrounding conditions.

Specific Hazards Arising from the Chemical:

Hazardous combustion products include silicon oxides.

Product is not combustible or flammable but may decompose in a fire.

Containers close to fire should be removed if safe to do so.

Special Protective Equipment and Precautions for Fire Fighters:

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

6 Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:

Wear approved full protective clothing. Evacuate all non-essential personnel from affected area. Do not breathe vapours. Ensure adequate ventilation.

Environmental Precautions:

In the event of a major spill, prevent spillage from entering drains or water courses.

Methods and Materials for Containment and Cleaning Up:

Stop leak if safe to do so and sweep into a pile and shovel into drums for subsequent disposal. Avoid generating dust. Provide adequate ventilation. Wash spill area with plenty of water.

7 Handling and Storage

Precautions for Safe Handling:

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of dust.

Food, beverages and tobacco products should not be stored or consumed where this material is in use.

Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

Conditions for Safe Storage:

Store in a cool, dry, well ventilated place and out of direct sunlight. Minimize dust generation and accumulation. Seal broken bags immediately. Keep away from oxidizing agents and bases.

8 Exposure Controls and Personal Protection

Exposure Standards:

CAS: 14808-60-7 Quartz (SiO₂)

NES	TWA: 0.1 mg/m ³ respirable dust
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Engineering Controls:

Local exhaust ventilation is recommended when dusts can be released in excess of established airborne exposure limits.

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Respiratory Protection:

Where an inhalation risk exists, wear a Class P1 (particulate) respirator. At high dust levels, wear a powered air purifying respirator (PAPR) with Class P3 (Particulate) filter or an air-line respirator or a full-face Class P3 (particulate) respirator. See Australian/New Zealand Standards AS/NZS 1715 and 1716 for more information.

Skin Protection:

PVC, PVA, nitrile, neoprene, rubber or vinyl gloves should be worn if exposure is likely. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.

Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

Eye and Face Protection:

Eye and face protectors for protection against dust. See Australian/New Zealand Standard AS/NZS 1337 for more information.

9 Physical and Chemical Properties

Appearance:

Form:	Solid
Colour:	No information available
Odour:	No information available
Odour Threshold:	Not determined.
pH-Value:	Not applicable.
Melting point/freezing point:	1713 °C
Initial Boiling Point/Boiling Range:	No information available
Flash Point:	Not applicable
Flammability:	Non-flammable
Auto-ignition Temperature:	Not applicable
Decomposition Temperature:	Not applicable
Explosion Limits:	
Lower:	No information available
Upper:	No information available
Vapour Pressure at 1732 °C:	13.5 hPa
Bulk Density at 20 °C:	1400 kg/m ³
Relative Density:	Not determined.
Vapour Density:	Not applicable.
Evaporation Rate:	Not applicable
Solubility in Water:	No information available
Partition Coefficient (n-octanol/water):	No information available
Viscosity:	No information available

10 Stability and Reactivity

Possibility of Hazardous Reactions: Hazardous polymerisation will not occur.

Chemical Stability: Stable at ambient temperature and under normal conditions of use.

Conditions to Avoid: No further relevant information available.

Incompatible Materials: Oxidizing agents and bases.

Hazardous Decomposition Products: Silicon oxides.

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11 Toxicological Information

Toxicity:**LD₅₀/LC₅₀ Values Relevant for Classification:****CAS: 14808-60-7 Quartz (SiO₂)**Oral LD₅₀ 500 - 22,500 mg/kg (rat)**Acute Health Effects****Inhalation:** Material is irritating to mucous membranes and upper respiratory tract.**Skin:** No adverse health effects expected.**Eye:** Temporary irritation or inflammation.**Ingestion:** Ingestion is not expected to be a primary route of exposure. No adverse health effects expected.**Skin Corrosion / Irritation:** Based on classification principles, the classification criteria are not met.**Serious Eye Damage / Irritation:** Based on classification principles, the classification criteria are not met.**Respiratory or Skin Sensitisation:** Based on classification principles, the classification criteria are not met.**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.**Carcinogenicity:**

Silica dust, crystalline, in the form of quartz or cristobalite is classified by IARC as Group 1 - Carcinogenic to humans.

Reproductive Toxicity: Based on classification principles, the classification criteria are not met.**Specific Target Organ Toxicity (STOT) - Single Exposure:**

Based on classification principles, the classification criteria are not met.

Specific Target Organ Toxicity (STOT) - Repeated Exposure:

Based on classification principles, the classification criteria are not met.

Aspiration Hazard: Based on classification principles, the classification criteria are not met.**Chronic Health Effects:**

Chronic exposure can cause silicosis, a form of lung scarring that can cause shortness of breath and reduced lung function. May also affect blood and liver. Inhalation may increase the progression of tuberculosis.

Existing Conditions Aggravated by Exposure:

Pre-existing upper respiratory and lung disease such as, but not limited to bronchitis, emphysema and asthma.

Additional toxicological information: No information available

12 Ecological Information

Ecotoxicity: No further relevant information available.**Aquatic toxicity:** No further relevant information available.**Persistence and Degradability:** No further relevant information available.**Bioaccumulative Potential:** No further relevant information available.**Mobility in Soil:** No further relevant information available.**Other adverse effects:** No further relevant information available.

13 Disposal Considerations

Disposal Methods and Containers: Dispose according to applicable local and state government regulations.

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Special Precautions for Landfill or Incineration:

Please consult your state Land Waste Management Authority for more information.

14 Transport Information**UN Number** Not regulated**Proper Shipping Name** Not regulated**Dangerous Goods Class** Not regulated**Packing Group:** Not regulated**15 Regulatory Information****Australian Inventory of Chemical Substances:**CAS: 14808-60-7 Quartz (SiO₂)**Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:**

Not a scheduled poison.

16 Other Information**Date of Preparation or Last Revision:** 04.06.2018**Last Revision of MSDS:** Rev 1.1 (16/06/2008)**Prepared by:** MSDS.COM.AU Pty Ltdwww.msds.com.au**Abbreviations and acronyms:**

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC₅₀: Lethal concentration, 50 percentLD₅₀: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Carcinogenicity 1A: Carcinogenicity – Category 1A

STOT RE 1: Specific target organ toxicity (repeated exposure) – Category 1

Disclaimer

This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - February 2016"

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