

WATTYL SOLAGARD STONE

Chemwatch Independent Material Safety Data Sheet  
Issue Date: 21-Jul-2008  
C9317EC

CHEMWATCH 5108-73  
Version No:4  
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Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME

WATTYL SOLAGARD STONE

PRODUCT USE

- Used according to manufacturer's directions.

SUPPLIER

Company: Wattyl Pty Ltd  
Address:  
4 Steel Street  
Blacktown  
NSW, 2148  
Australia  
Telephone: +61 2 9621 6255  
Emergency Tel: 1800 039 008  
Fax: +61 2 9831 4244  
Email: wattyl@wattyl.com.au

Section 2 - HAZARDS IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE

**HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS. According to NOHSC Criteria, and ADG Code.**  
COMBUSTIBLE LIQUID, regulated under AS1940 for Bulk Storage purposes only.

POISONS SCHEDULE

None

RISK

Risk Codes  
R37/38  
R41

Risk Phrases

- Irritating to respiratory system and skin.
- Risk of serious damage to eyes.

SAFETY

Safety Codes  
S401

Safety Phrases

- To clean the floor and all objects contaminated by this material use water and detergent.
- If swallowed IMMEDIATELY contact Doctor or Poisons Information Centre. (show this container or label).

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

NAME	CAS RN	%
acrylic copolymer latex	Not avail.	30-60
alkyl acrylate alkyl methacrylate copolymer		5-15
calcium carbonate	471-34-1	10-20
fillers, unregulated		1-9
isothiazolinones		<0.7
additives		1-9
water	7732-18-5	10-30

NOTE: Manufacturer has supplied full ingredient information to allow CHEMWATCH assessment

Section 4 - FIRST AID MEASURES

SWALLOWED

- Immediately give a glass of water.
- First aid is not generally required. If in doubt, contact a Poisons Information Centre or a doctor.

EYE

- If this product comes in contact with the eyes:

continued...

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Section 4 - FIRST AID MEASURES

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- Wash out immediately with fresh running water.
  - Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.
  - Seek medical attention without delay; if pain persists or recurs seek medical attention.
  - Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

#### SKIN

- If skin contact occurs:
  - Immediately remove all contaminated clothing, including footwear.
  - Flush skin and hair with running water (and soap if available).
  - Seek medical attention in event of irritation.

#### INHALED

- If fumes or combustion products are inhaled remove from contaminated area.
- Other measures are usually unnecessary.

#### NOTES TO PHYSICIAN

- Treat symptomatically.

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### Section 5 - FIRE FIGHTING MEASURES

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#### EXTINGUISHING MEDIA

- There is no restriction on the type of extinguisher which may be used.
- Use extinguishing media suitable for surrounding area.

#### FIRE FIGHTING

- Alert Fire Brigade and tell them location and nature of hazard.
- Wear breathing apparatus plus protective gloves for fire only.
- Prevent, by any means available, spillage from entering drains or water courses.
- Use fire fighting procedures suitable for surrounding area.

#### FIRE/EXPLOSION HAZARD

- Combustible.
  - Slight fire hazard when exposed to heat or flame.
  - Heating may cause expansion or decomposition leading to violent rupture of containers.
  - On combustion, may emit toxic fumes of carbon monoxide (CO).
- Combustion products include:.  
acrylic monomer.

#### FIRE INCOMPATIBILITY

- None known.

#### HAZCHEM

None

#### PERSONAL PROTECTION

Glasses:  
Chemical goggles.

Gloves:  
PVC chemical resistant type.

Respirator:  
Type A- P Filter of sufficient capacity

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### Section 6 - ACCIDENTAL RELEASE MEASURES

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#### MINOR SPILLS

- Clean up all spills immediately.
- Avoid breathing vapours and contact with skin and eyes.
- Control personal contact by using protective equipment.
- Contain and absorb spill with sand, earth, inert material or vermiculite.

#### MAJOR SPILLS

- Moderate hazard.
  - Clear area of personnel and move upwind.
  - Alert Fire Brigade and tell them location and nature of hazard.
  - Wear breathing apparatus plus protective gloves.
  - Prevent, by any means available, spillage from entering drains or water course.

Personal Protective Equipment advice is contained in Section 8 of the MSDS.

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**Section 7 - HANDLING AND STORAGE**

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**PROCEDURE FOR HANDLING**

- Limit all unnecessary personal contact.
- Wear protective clothing when risk of exposure occurs.
- Use in a well-ventilated area.
- When handling DO NOT eat, drink or smoke.

**SUITABLE CONTAINER**

- Polyethylene or polypropylene container.
- Packing as recommended by manufacturer.
- Check all containers are clearly labelled and free from leaks.

**STORAGE INCOMPATIBILITY**

- None known.

**STORAGE REQUIREMENTS**

- Store in original containers.
- Keep containers securely sealed.
- Store in a cool, dry, well-ventilated area.
- Store away from incompatible materials and foodstuff containers.

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**Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION**

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**EXPOSURE CONTROLS**

Source	Material	TWA mg/m <sup>3</sup>	Notes
Australia Exposure Standards	calcium carbonate (Calcium carbonate (a))	10	(see Chapter 14)

The following materials had no OELs on our records

- water: CAS:7732- 18- 5

**PERSONAL PROTECTION****RESPIRATOR**

Type A-P Filter of sufficient capacity

**EYE**

- Safety glasses with side shields.
- Chemical goggles.
- Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lens or restrictions on use, should be created for each workplace or task. This should include a review of lens absorption and adsorption for the class of chemicals in use and an account of injury experience. Medical and first-aid personnel should be trained in their removal and suitable equipment should be readily available. In the event of chemical exposure, begin eye irrigation immediately and remove contact lens as soon as practicable. Lens should be removed at the first signs of eye redness or irritation - lens should be removed in a clean environment only after workers have washed hands thoroughly. [CDC NIOSH Current Intelligence Bulletin 59].

**HANDS/FEET**

- Wear chemical protective gloves, eg. PVC.
- Wear safety footwear or safety gumboots, eg. Rubber.

**OTHER**

- Overalls.
- Eyewash unit.

**ENGINEERING CONTROLS**

- General exhaust is adequate under normal operating conditions. If risk of overexposure exists, wear SAA approved respirator.

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**Section 9 - PHYSICAL AND CHEMICAL PROPERTIES**

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**APPEARANCE**

White liquid with a mild odour. Mixes with water.

**PHYSICAL PROPERTIES**

Liquid.  
Mixes with water.

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**Section 9 - PHYSICAL AND CHEMICAL PROPERTIES**

State	Liquid	Molecular Weight	Not applicable.
Melting Range (°C)	Not available	Viscosity	Not Available
Boiling Range (°C)	100 approx	Solubility in water (g/L)	Miscible
Flash Point (°C)	103	pH (1% solution)	Not Available
Decomposition Temp (°C)	Not available.	pH (as supplied)	Not Available
Autoignition Temp (°C)	Not applicable	Vapour Pressure (kPa)	As water
Upper Explosive Limit (%)	Not applicable	Specific Gravity (water=1)	1.12- 1.16
Lower Explosive Limit (%)	Not applicable	Relative Vapour Density (air=1)	Not Available
Volatile Component (%vol)	50- 60	Evaporation Rate	Not Available

**Section 10 - CHEMICAL STABILITY AND REACTIVITY INFORMATION****CONDITIONS CONTRIBUTING TO INSTABILITY**

- Product is considered stable and hazardous polymerisation will not occur.
- For incompatible materials - refer to Section 7 - Handling and Storage.

**Section 11 - TOXICOLOGICAL INFORMATION****POTENTIAL HEALTH EFFECTS****ACUTE HEALTH EFFECTS**

- Risk of serious damage to eyes.
- Irritating to respiratory system and skin.

**CHRONIC HEALTH EFFECTS**

- Not applicable.

**TOXICITY AND IRRITATION****WATER:****ACRYLIC COPOLYMER LATEX:**

- No significant acute toxicological data identified in literature search.

- Not available. Refer to individual constituents.

**CALCIUM CARBONATE:**

- unless otherwise specified data extracted from RTECS - Register of Toxic Effects of Chemical Substances.

**TOXICITY**

Oral (Rat) LD50: 6450 mg/kg

**IRRITATION**

Skin (rabbit): 500 mg/24h - Moderate

Eye (rabbit): 0.75 mg/24h - SEVERE

- Asthma-like symptoms may continue for months or even years after exposure to the material ceases. This may be due to a non-allergenic condition known as reactive airways dysfunction syndrome (RADS) which can occur following exposure to high levels of highly irritating compound. The material may produce severe irritation to the eye causing pronounced inflammation. Repeated or prolonged exposure to irritants may produce conjunctivitis.

The material may cause skin irritation after prolonged or repeated exposure and may produce a contact dermatitis (nonallergic). This form of dermatitis is often characterised by skin redness (erythema) and swelling the epidermis.

No evidence of carcinogenic properties. No evidence of mutagenic or teratogenic effects.

**Section 12 - ECOLOGICAL INFORMATION**

No data

**Ecotoxicity****Ingredient**

water

Persistence:

Water/Soil

LOW

Persistence: Air

Bioaccumulation

LOW

Mobility

HIGH

continued...

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### Section 13 - DISPOSAL CONSIDERATIONS

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- Recycle wherever possible.
- Consult manufacturer for recycling options or consult local or regional waste management authority for disposal if no suitable treatment or disposal facility can be identified.
- Dispose of by: burial in a land-fill specifically licenced to accept chemical and / or pharmaceutical wastes or incineration in a licenced apparatus (after admixture with suitable combustible material).
- Decontaminate empty containers. Observe all label safeguards until containers are cleaned and destroyed.

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### Section 14 - TRANSPORTATION INFORMATION

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Labels Required: COMBUSTIBLE LIQUID, regulated under AS1940 for Bulk Storage purposes only.

#### HAZCHEM:

None (ADG7)

NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS: ADG7, UN, IATA, IMDG

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### Section 15 - REGULATORY INFORMATION

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#### POISONS SCHEDULE

None

#### REGULATIONS

Regulations for ingredients

**calcium carbonate (CAS: 471-34-1,13397-26-7,15634-14-7,1317-65-3) is found on the following regulatory lists;**

"Australia High Volume Industrial Chemical List (HVICL)", "Australia Inventory of Chemical Substances (AICS)", "Australia Therapeutic Goods Administration (TGA) Substances that may be used as active ingredients in Listed medicines", "CODEX General Standard for Food Additives (GSFA) - Additives Permitted for Use in Food in General, Unless Otherwise Specified, in Accordance with GMP", "GESAMP/EHS Composite List - GESAMP Hazard Profiles", "IMO IBC Code Chapter 17: Summary of minimum requirements", "International Council of Chemical Associations (ICCA) - High Production Volume List", "OECD Representative List of High Production Volume (HPV) Chemicals"

**water (CAS: 7732-18-5) is found on the following regulatory lists;**

"Australia Inventory of Chemical Substances (AICS)", "IMO IBC Code Chapter 18: List of products to which the Code does not apply", "OECD Representative List of High Production Volume (HPV) Chemicals"

**No data for Watty! Solagard Stone (CW: 5108-73)**

No data for acrylic copolymer latex (CAS: , Not avail)

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### Section 16 - OTHER INFORMATION

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#### INGREDIENTS WITH MULTIPLE CAS NUMBERS

Ingredient Name	CAS
calcium carbonate	471- 34- 1, 13397- 26- 7, 15634- 14- 7, 1317- 65- 3

- Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

A list of reference resources used to assist the committee may be found at:  
[www.chemwatch.net/references](http://www.chemwatch.net/references).

- The (M)SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings.

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*This is the end of the MSDS.*