



# Material Safety Data Sheet

Based on available information, not classified as hazardous according to criteria of NOHSC.  
Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

## 1. Identification of the substance/preparation and of the company/undertaking

**Product Name:** SEAL AND PAINT SILICONE (NEW WATER CLEAN-UP)

**Packaging Type:** 380g plastic cartridge

**Supplier:** Selleys Pty Ltd

**ABN:** 67 000 049 427

**Street Address:** 1 Gow Street

Padstow 2211

Australia

**Telephone Number:** +61 2 9781 8777

**Facsimile:** +61 2 9781 8825

**Emergency Telephone:** 1 800 033 111 (ALL HOURS)

## 2. Composition/information on ingredients

**Product Description:** Paintable silicone building sealant for most interior and exterior applications where both water clean-up and paintability is desirable. White paste with a mild odour.

Calcium carbonate 1317-65-3	30-60%	-
Polydimethylsiloxane compounds 70131-67-8	30-60%	-
Water 7732-18-5	10-<30%	-
Surfactant	1-<10%	R22, R36/38
Crystalline silica (Quartz) 14808-60-7	<1%	R20,R48
Diethylamine 109-89-7	<1%	R11, R20/21/22, R35
Other ingredients determined not to be hazardous	to 100%	-

## 3. Hazards identification

**Poisons Schedule:** None allocated.

**Product Name:** SEAL AND PAINT SILICONE (NEW WATER CLEAN-UP)

**Substance No:** 000704447701

**Issued:** 04/06/2002

**Version:** 2



# Material Safety Data Sheet

## 4. First-aid measures

For advice, contact a Poisons Information Centre (Phone eg. Australia 131 126; New Zealand 03 474 7000) or a doctor.

- Inhalation:** Remove victim from area of exposure - avoid becoming a casualty. Seek medical advice if effects persist.
- Skin Contact:** Wipe excess material from skin with a clean rag or paper towel (do NOT use solvent to clean skin). Remove contaminated clothing and wash skin with running water. If irritation occurs seek medical advice.
- Eye Contact:** If in eyes, wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.
- Ingestion:** Rinse mouth with water. If swallowed, give a glass of water to drink. If vomiting occurs give further water. Seek medical advice.
- Notes to physician:** Treat symptomatically.

## 5. Fire-fighting measures

- Specific Hazards:** Non-combustible material.
- Fire-fighting advice:** Not combustible, however following evaporation of the water component of the material, the residual material can burn if ignited. On burning will emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.
- Suitable Extinguishing Media:** Water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

## 6. Accidental release measures

**SMALL SPILLS:** Slippery when spilt. Avoid accidents, clean up immediately. Wipe up with rag or absorbent paper. Any residual undried material can be removed with water. Cured material can be removed by cutting or abrasion.

**LARGE SPILLS:** Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact. Scrape up excess material before cure. Collect and seal in properly labelled containers or drums for disposal. Wash area down with excess water. Cured material can only be removed by cutting or abrasion.

## 7. Handling and storage

- Handling advice:** Avoid eye contact and repeated or prolonged skin contact.
- Storage advice:** Store in a cool, dry, well ventilated place and out of direct sunlight. Protect from freezing. Keep containers closed when not in use - check regularly for leaks.

## 8. Exposure controls/personal protection

### Occupational Exposure Limits:

No value assigned for this specific material by the National Occupational Health and Safety Commission. However, Exposure Standard(s) for constituent(s):

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**Substance No:** 000704447701

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# Material Safety Data Sheet

Calcium carbonate: 8hr TWA = 10 mg/m<sup>3</sup>  
Diethylamine: 8hr TWA = 30 mg/m<sup>3</sup> (10 ppm), 15 min STEL= 75 mg/m<sup>3</sup> (25 ppm)  
Silica Crystalline - Quartz: 8hr TWA = 0.2 mg/m<sup>3</sup>

As published by the National Occupational Health and Safety Commission.

TWA - The time-weighted average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

STEL (Short Term Exposure Limit) – the average airborne concentration over a 15 minute period which should not be exceeded at any time during a normal eight hour work day. According to current knowledge this concentration should neither impair the health or, not cause undue discomfort to, nearly all workers.

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

## Engineering Control Measures:

Natural ventilation should be adequate under normal use conditions. Keep containers closed when not in use.

## Personal Protective Equipment:

Selleys Safe Handling Code: Green

Green - Wear clean overalls, safety boots, general purpose gloves (PVC) and safety spectacles. Remove contact lenses before using sealant. Do not handle lenses until all sealant has been removed from fingertips, nails and cuticles. Always wash hands before smoking, eating, drinking or using the toilet. Avoid breathing dust when sanding. Wet sand or use a dust mask.

## 9. Physical and chemical properties

Physical state:	Paste
Colour:	White
Odour:	Mild
Solubility:	Miscible in water. No solvent known for cured sealant.
Specific Gravity:	1.35 @ 25°C
Relative Vapour Density (air=1):	N Av
Vapour Pressure (20 °C):	N Av
Flash Point (°C):	N App
Flammability Limits (%):	N App
Autoignition Temperature (°C):	N App
% Volatile by Volume:	N Av
Solubility in water (g/L):	Miscible
Melting Point/Range (°C):	N App
Boiling Point/Range (°C):	N Av
Decomposition Point (°C):	N Av
Sublimation Point (°C):	N App
pH:	N Av
Viscosity:	N Av
Evaporation Rate:	N Av

Product Name: SEAL AND PAINT SILICONE (NEW WATER CLEAN-UP)  
Substance No: 000704447701

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## 10. Stability and reactivity

**Stability:** No incompatible materials known.

## 11. Toxicological information

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

- Ingestion:** Swallowing calcium carbonate can result in the generation of uncomfortable quantities of carbon dioxide gas in the stomach.
- Eye contact:** May be an eye irritant.
- Skin contact:** Contact with skin may result in irritation.
- Inhalation:** Where this material is used in a poorly ventilated area, at elevated temperatures or in confined spaces, vapour may cause irritation to mucous membranes of the respiratory tract, headache and nausea.

**Long Term Effects:**

No information available for the product.

**Toxicological Data:**

No LD50 data available for the product.

## 12. Ecotoxicological information

Avoid contaminating waterways.

## 13. Disposal considerations

Refer to Waste Management Authority. Normally suitable for disposal at approved land waste site.

## 14. Transport information

**Road and Rail Transport**

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

**Marine Transport**

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

**Air Transport**

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

**Product Name:** SEAL AND PAINT SILICONE (NEW WATER CLEAN-UP)  
**Substance No:** 000704447701

**Issued:** 04/06/2002 **Version:** 2



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## 15. Regulatory information

**Classification:** Based on available information, not classified as hazardous according to criteria of NOHSC.  
**Poisons Schedule:** None allocated.

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

## 16. Other information

This material safety data sheet has been prepared by SH&E Shared Services, Orica.  
For further copies of this sheet or other product information contact Selleys Proprietary Limited Customer Service.  
Phone: 1300 555 205 (Australia wide)  
Fax: 1300 555 305 (Australia wide)  
Phone: 9 820 4852 (New Zealand)  
Fax: 0800 804 583 (New Zealand)

**Reason(s) for Issue:**  
Revised Primary MSDS

This MSDS summarises to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. Since Orica Limited cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material.

If clarification or further information is needed, the user should contact their Orica representative or Orica Limited at the contact details on page 1.

Orica Limited's responsibility for the material as sold is subject to the terms and conditions of sale, a copy of which is available upon request.

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