

MSDS Information SEALTUFF

Material Safety Data Sheet

Conform to ANSI Z400.1-2004 Standard (Canada).

SEALTUFF PART A

1. Product and company identification

Common name : SEALTUFF PART A

Material Uses : Blended cement/polymer membrane for coating.

Supplier/Manufacturer : Construction Materials Alliance Pty.Ltd.
LUNIT 4/92 BRYANT STREET, Padstow NSW 2211
Tel: +61 92 9771 0011 Email: accounts@cmapl.com.au, www.cmapl.com.au

Validation date : February 24, 2012

Responsible name : SIMDUT Group

In case of emergency : +61 2 9771 0011,

2. Hazards identification

Physical State : Powder.

Odor : odorless.

Color : Grey or White.

Hazard status : This material is classified hazardous under the WHMIS Controlled Product Regulation in Canada.

Emergency overview : CORROSIVE !
CAUSES RESPIRATORY TRACT, EYE AND SKIN BURNS.

Corrosive to the eyes, skin and respiratory system. Causes burns. Handling and/or processing of this material may generate a dust which can cause mechanical irritation of the eyes, skin, nose and throat. Avoid exposure-obtain special instructions before use. Do not breathe dust. Do not get in eyes or on skin or clothing. Use only with adequate ventilation. Keep container tightly closed and sealed when not in use. Wash thoroughly after handling.

Potential acute health effects

Eyes : Corrosive to eyes. Causes burns

Skin : Corrosive to the skin. Causes burns.

Inhalation : Corrosive to the respiratory system.

Ingestion : May cause burns to mouth, throat and stomach.

See toxicological information (section 11)

MSDS Information SEALTUFF

3. Composition/information on ingredients

Name	CAS Number	%
Quartz	14808-60-7	60
Portland cement mixture	68997-15-1	40

4. First Aid measures

Eyes contact	:	Check for and remove any contact lenses. In case of contact, immediately flush eyes with plenty of water for at least 20 minutes. Get medical attention immediately.
Skin contact	:	Wash with soap and water. Get medical attention if symptoms occur.
Inhalation	:	If inhaled, remove to fresh air. If not breathing, give artificial respiration. Get medical attention if symptoms appear.
Ingestion	:	DO NOT INDUCE VOMITING. If the victim is conscious, give the victim some water to drink. Get medical attention immediately.
Notes to physician	:	No specific antidote. Medical staff must contact Poison Control Center.

5. Fire-fighting measures

Flammability of the product	:	Non-Flammable.
Products of combustion	:	Decomposition products may include the following materials: Carbon oxides Sulfur oxides Metal oxide/oxides
Extinguishing media		
Suitable	:	Use an extinguishing agent suitable for the surrounding fire.
Not suitable	:	None known
Special exposure hazards	:	Promptly isolate the scene by removing all persons from the surrounding of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. No specific fire or explosion hazard.
Special protective equipment for fire- fighters	:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

6. Accidental release measures

Personal precautions	:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing dust. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment. (see section 8).
Environmental precautions	:	Avoid dispersal of spilled material, runoff or contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Methods for cleaning up	:	Move containers from spilled area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labelled waste container. Avoid creating dusty conditions and prevent wind dispersal. Dispose of via a licensed waste disposal contractor. Note : see section 1 for emergency contact information and section 13 for waste disposal.

MSDS Information SEALTUFF

7. Handling and storage

Handling

Put on appropriate personal protective equipment (see section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Do not get in Eyes, skin or clothing. Do not breathe dust. Do not ingest. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.

Storage

Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10), food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

8. Exposure controls/personal protection

Product Name

Quartz

Portland cement mixture

Exposure Limits

ACGIH TLV (United States, 1/2006).
TWA: 0.025 mg/m³ 8 hour(s). Form: breathable fraction

ACGIH TLV (United States,
1/2006). TWA: 10 mg/m³ 8
hours(s).

Consult local authorities for acceptable exposure limits.

Recommended monitoring procedures

Engineering measures

Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Personal protection

Eyes

Safety glasses

Skin

Synthetic apron. Boots

Respiratory

Disposable dust mask

Hands

Nitrile rubber

Personal protective equipment (Pictograms)



HMIS Code/Personal protective equipment

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Personal protection in case of a large spill

Safety glasses, goggles or face shield. Impervious gloves. Full suit. Boots. Wear NIOSH-approved self-contained breathing apparatus or equivalent and full protective gear.

Hygiene measures

Wash hands, forearms and face thoroughly after handling compounds and before eating, smoking, using the lavatory and at the end of the day. Follow good industrial hygiene practice..

MSDS Information SEALTUFF

9. Physical and chemical properties

Physical state:	Powder
Color:	Grey or white
Odor :	Odorless
Relative density	: 1.9 kg/l (Paste).
PH Solubility	: 11-13 (Paste)
	: Insoluble in water

10. Stability and reactivity

Stability and reactivity	: The product is stable.
Conditions of instability	: Cement; reacts with water.
Incompatibility with various substances	: Reactive or incompatible with the following materials; Oxidizing materials, metals and acids.
Hazardous decomposition products	: Under normal conditions of storage and use, no hazardous decomposition products should be produced.
	: Will not occur.
Hazardous polymerization	: Not available.
Conditions of reactivity	

11. Toxicological information

Toxicity data

Product/ingredient name	Test / Route	Species	Result	Exposition
N/D				

Acute Effects

Eyes	: Corrosive to eyes. Causes burns
Skin	: Corrosive to the skin. Causes burns
Inhalation	: Corrosive to the respiratory system
Ingestion	: May cause burns to mouth, throat and stomach.

12. Ecological information

Environmental precautions	: No known significant effects or critical hazards.
Products of degradation	: Not applicable.

13. Disposal considerations

Waste disposal	: The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
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MSDS Information SEALTUFF

14. Transport information

NAERG : Not applicable

Regulatory information : Not applicable

UN/ IMDG/ IATA/ TMD : Not regulated. Limited quantity

15. Regulatory information

Canada

WHMIS (Canada)

Listes canadiennes

Class D-2A : Material causing other toxic effects
Class E : Corrosive material

Canada inventory: All components are listed
CEPA toxic substances: None of the components are listed
Canadian ARET: None of the components are listed
Canadian NPRI: None of the components are listed
Alberta Designated Substances: None of the components are listed
Ontario Designated Substances: None of the components are listed
Quebec Designated Substances: None of the components are listed

This product has been classified in accordance with the hazard criteria of the Canadian CPR. This MSDS contains all the information required by the CPR.

International lists

This product,(and its ingredients) is (are)listed on national inventories, or is (are) exempted from being listed, in Australia (AICS), in Europe (EINECS/ELINCS), in Korea (TCCL), in Japan (METI), in the Philippines (RA6969).

16. Other information

Hazardous Material Information System :

Health	*	1
Fire hazard		0
Physical hazard		0
Personal protection		F

HAZARD RATINGS

4- Extreme
3- Serious
2- Moderate
1- Slight
0- Minimal

* See section 8 for more detailed information on personal protection

The customer is responsible for determining the PPE code for this material.

National Fire Protection Association (U.S.A.)



References

ANSI Z400.1, MSDS Standard, 2004.- Manufacturer's Material Safety Data Sheet,-Canada Gazette Part II, Vol. 122, No 2. Registration SOR/88-64, 31 December 1987. Hazardous Products Act «Ingredient Disclosure list» - Canadian Transport of Dangerous Goods, Regulations and Schedules, Clear Language Version 2005.

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Version

1

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.