

# SAFETY DATA SHEET

**Product Name**      **CONCRETE MASONRY PRODUCTS**

## 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Supplier name**                      **NATIONAL MASONRY PTY LTD**  
**Address**                                Riding Boundary Road, P.O. Box 345, Deer Park, Melbourne, Victoria, 3023, AUSTRALIA  
**Telephone**                            (03) 9361 6400  
**Fax**                                        (03) 9363 6008  
**Emergency**                          (03) 9361 6400  
**Web site**                                <http://www.nationalmasonry.com.au>  
**Synonym(s)**                            CONCRETE MASONRY PRODUCTS  
**Use(s)**                                    BASIC CONSTRUCTION MATERIAL • CONSTRUCTION MATERIAL • MASONRY CONSTRUCTION  
     • PAVEMENT MATERIAL  
**SDS date**                                10 September 2014

## 2. HAZARDS IDENTIFICATION

**NOT CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA**

**Risk Phrases**

None allocated

**Safety Phrases**

None allocated

**NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE**

<b>UN Number</b>	None Allocated	<b>Transport Hazard Class</b>	None Allocated
<b>Packing Group</b>	None Allocated	<b>Hazchem Code</b>	None Allocated

## 3. COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredient	Identification	Classification	Content
QUARTZ (CRYSTALLINE SILICA)	CAS: 14808-60-7 EC: 238-878-4	Not Available	10 to 60%
AGGREGATE	Not Available	Not Available	10 to 30%
PIGMENT(S)	Not Available	Not Available	1 to 10%
PORTLAND CEMENT	CAS: 65997-15-1 EC: 266-043-4	Not Available	1 to 10%
WATER	CAS: 7732-18-5 EC: 231-791-2	Not Available	1 to 10%
ALKYLTRIALKOXY SILANE/SILOXANE	Not Available	Not Available	<5%
FATTY ACID SALT(S)	Not Available	Not Available	<3%

## 4. FIRST AID MEASURES

**Eye**                                        If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.

**Inhalation**                                If inhaled, remove from contaminated area. Apply artificial respiration if not breathing.

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**Skin**                                      If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor. If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water.

**Ingestion**                                For advice, contact a Poison Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). Due to product form and application, ingestion is considered unlikely. Do not induce vomiting. If symptoms persist, seek medical attention.

**Advice to doctor**                        Treat symptomatically.

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**5. FIRE FIGHTING MEASURES**

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**Flammability**                            Non flammable. May evolve toxic gases if strongly heated.

**Fire and explosion**                    No fire or explosion hazard exists.

**Extinguishing**                         Use an extinguishing agent suitable for the surrounding fire.

**Hazchem code**                         None Allocated

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**6. ACCIDENTAL RELEASE MEASURES**

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**Personal precautions**                Wear Personal Protective Equipment (PPE) as detailed in Section 8.

**Environmental precautions**         Prevent product from entering drains and waterways.

**Methods of cleaning up**                If spilt, collect and reuse where possible. As for dust, it is best cleaned up by vacuum device to avoid generating airborne dust. Wetting before sweeping up dust may assist in dust control.

**References**                                See Sections 8 and 13 for exposure controls and disposal.

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**7. STORAGE AND HANDLING**

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**Storage**                                    Store in a cool, dry, well ventilated area, removed from incompatible substances and foodstuffs. Ensure containers are adequately labelled and tightly closed when not in use.

**Handling**                                 Before use carefully read the product label. Use of safe work practices are recommended to avoid eye or skin contact and inhalation. Observe good personal hygiene, including washing hands before eating. Prohibit eating, drinking and smoking in contaminated areas.

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**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

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**Exposure standards**

Ingredient	Reference	TWA		STEL	
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Portland Cement	SWA (AUS)	--	10	--	--
Quartz (respirable dust)	SWA (AUS)	--	0.1	--	--

**Biological limits**                        No biological limit allocated.

**Engineering controls**                 Avoid inhalation. Use in well ventilated areas. Where an inhalation risk exists, mechanical extraction ventilation is recommended. Maintain dust levels below the recommended exposure standard.

**PPE**

**Eye / Face**                                If cutting or sanding with potential for dust generation, wear dust-proof goggles.

**Hands**                                        Wear leather or cotton gloves.

**Body**                                         Not required under normal conditions of use.

**Respiratory**                                If cutting or sanding with potential for dust generation, wear a Class P1 (Particulate) respirator.



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**9. PHYSICAL AND CHEMICAL PROPERTIES**

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Appearance	SOLID
Odour	SLIGHT ODOUR
Flammability	NON FLAMMABLE
Flash point	NOT RELEVANT
Boiling point	NOT AVAILABLE
Melting point	NOT AVAILABLE
Evaporation rate	NOT AVAILABLE
pH	NOT AVAILABLE
Vapour density	NOT AVAILABLE
Specific gravity	NOT AVAILABLE
Solubility (water)	INSOLUBLE
Vapour pressure	NOT AVAILABLE
Upper explosion limit	NOT RELEVANT
Lower explosion limit	NOT RELEVANT
Partition coefficient	NOT AVAILABLE
Autoignition temperature	NOT AVAILABLE
Decomposition temperature	NOT AVAILABLE
Viscosity	NOT AVAILABLE
Explosive properties	NOT AVAILABLE
Oxidising properties	NOT AVAILABLE
Odour threshold	NOT AVAILABLE
Bulk density	1200 kg/m <sup>3</sup> to 2300 kg/m <sup>3</sup>
% Volatiles	NOT AVAILABLE

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**10. STABILITY AND REACTIVITY**

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Material to avoid	Incompatible with oxidising agents (eg. hypochlorites) and acids (eg. nitric acid).
Hazardous Decomposition Products	May evolve toxic gases if heated to decomposition.

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**11. TOXICOLOGICAL INFORMATION**

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Health Hazard Summary	Low toxicity - irritant. Under normal conditions of use, this product is not anticipated to present a hazard unless product is cut, drilled or sanded with the generation of irritating dust. Use safe work practices to avoid dust generation - inhalation. Chronic exposure to crystalline silica may result in lung fibrosis (silicosis). Crystalline silica is classified as carcinogenic to humans (IARC Group 1).
Eye	Due to product form and nature of use, the potential for exposure is reduced. Product may only present a hazard if material is cut, ground or sanded with dust generation, which may result in irritation and lacrimation.
Inhalation	Exposure considered unlikely. An inhalation hazard is not anticipated unless cut, drilled or sanded with dust generation, which may result in irritation of the nose and throat. Crystalline silica is classified as carcinogenic to humans (IARC Group 1).
Skin	Low irritant. Prolonged or repeated exposure to dust may result in irritation and dermatitis.
Ingestion	Ingestion is considered unlikely due to product form.
Toxicity data	QUARTZ (CRYSTALLINE SILICA) (14808-60-7) LCLo (inhalation) 300 ug/m <sup>3</sup> /10 years (human) TCLo (inhalation) 16 000 000 particles/ft <sup>3</sup> /8 hours/17.9 years (human-fibrosis)

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**12. ECOLOGICAL INFORMATION**

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Toxicity	No information provided.
Persistence and degradability	No information provided.
Bioaccumulative potential	No information provided.
Mobility in soil	No information provided.
Other adverse effects	No information provided.

**13. DISPOSAL CONSIDERATIONS**

**Waste disposal** Reuse where possible. No special precautions are required for this product.  
**Legislation** Dispose of in accordance with relevant local legislation.

**14. TRANSPORT INFORMATION****NOT CLASSIFIED AS A DANGEROUS GOOD BY THE CRITERIA OF THE ADG CODE, IMDG OR IATA**

	<b>LAND TRANSPORT (ADG)</b>	<b>SEA TRANSPORT (IMDG / IMO)</b>	<b>AIR TRANSPORT (IATA / ICAO)</b>
<b>UN Number</b>	None Allocated	None Allocated	None Allocated
<b>Proper Shipping Name</b>	None Allocated	None Allocated	None Allocated
<b>Transport Hazard Class</b>	None Allocated	None Allocated	None Allocated
<b>Packing Group</b>	None Allocated	None Allocated	None Allocated

**Environmental hazards** No information provided

**Special precautions for user**

**Hazchem code** None Allocated

**15. REGULATORY INFORMATION**

**Poison schedule** A poison schedule number has not been allocated to this product using the criteria in the Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).

**Inventory Listing(s)** **AUSTRALIA: AICS (Australian Inventory of Chemical Substances)**  
All components are listed on AICS, or are exempt.

**16. OTHER INFORMATION**

**Additional information**

**PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:**

The recommendation for protective equipment contained within this report is provided as a guide only. Factors such as method of application, working environment, quantity used, product concentration and the availability of engineering controls should be considered before final selection of personal protective equipment is made.

**HEALTH EFFECTS FROM EXPOSURE:**

It should be noted that the effects from exposure to this product will depend on several factors including: frequency and duration of use; quantity used; effectiveness of control measures; protective equipment used and method of application. Given that it is impractical to prepare a ChemAlert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

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<b>Abbreviations</b>	ACGIH	American Conference of Governmental Industrial Hygienists
	CAS #	Chemical Abstract Service number - used to uniquely identify chemical compounds
	CNS	Central Nervous System
	EC No.	EC No - European Community Number
	GHS	Globally Harmonized System
	IARC	International Agency for Research on Cancer
	LC50	Lethal Concentration, 50% / Median Lethal Concentration
	LD50	Lethal Dose, 50% / Median Lethal Dose
	mg/m <sup>3</sup>	Milligrams per Cubic Metre
	OEL	Occupational Exposure Limit
	PEL	Permissible Exposure Limit
	pH	relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).
	ppm	Parts Per Million
	REACH	Regulation on Registration, Evaluation, Authorisation and Restriction of Chemicals
	STEL	Short-Term Exposure Limit
	STOT-RE	Specific target organ toxicity (repeated exposure)
	STOT-SE	Specific target organ toxicity (single exposure)
	SUSMP	Standard for the Uniform Scheduling of Medicines and Poisons
	SWA	Safe Work Australia
	TLV	Threshold Limit Value
	TWA	Time Weighted Average

**Revision history**

Revision	Description
2.1	Standard SDS Review.
2.0	Company name change.
1.0	Initial SDS creation

**Report status**

This document has been compiled by RMT on behalf of the manufacturer, importer or supplier of the product and serves as their Safety Data Sheet ('SDS').

It is based on information concerning the product which has been provided to RMT by the manufacturer, importer or supplier or obtained from third party sources and is believed to represent the current state of knowledge as to the appropriate safety and handling precautions for the product at the time of issue. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer, importer or supplier.

While RMT has taken all due care to include accurate and up-to-date information in this SDS, it does not provide any warranty as to accuracy or completeness. As far as lawfully possible, RMT accepts no liability for any loss, injury or damage (including consequential loss) which may be suffered or incurred by any person as a consequence of their reliance on the information contained in this SDS.

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**End of SDS**