

Product Name **CAESARSTONE/CONCETTO****1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

Supplier Name CAESARSTONE AUSTRALIA PTY LTD
Address 154 - 156 Adderley Street, Auburn, NSW, AUSTRALIA, 2144
Telephone 1300 279 927
Fax (02) 9748 0961
Emergency 1300 279 927
Synonym(s) CAESAR STONE • CONCETTO

Use(s) NATURAL STONE SURFACING • QUARTZ SURFACING PRODUCTS
SDS Date 27 May 2010

2. HAZARDS IDENTIFICATION

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO ASCC CRITERIA

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

UN No.	None Allocated	DG Class	None Allocated	Subsidiary Risk(s)	None Allocated
Packing Group	None Allocated	Hazchem Code	None Allocated	EPG	None Allocated

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredient	Formula	CAS No.	Content
QUARTZ (SILICA CRYSTALLINE) AND/OR OTHER NATURAL STONE	Si-O ₂	14808-60-7	>85%
POLYMERIC RESIN	Not Available	Not Available	7-15%
ADDITIVE(S)	Not Available	Not Available	<8%

4. FIRST AID MEASURES

Eye If in eyes, hold eyelids apart and flush the eye continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor, or for at least 15 minutes.

Inhalation Exposure is considered unlikely. Due to product form / nature of use, an inhalation hazard is not anticipated.

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 on 13 11 26 (Australia Wide) or a doctor.

Ingestion For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). Due to product form and application, ingestion is considered unlikely.

Advice to Doctor Treat symptomatically

5. FIRE FIGHTING MEASURES

Flammability Non flammable. May evolve toxic gases if strongly heated. Non flammable. At temperatures above 490°C this product will auto-ignite. However, the flame will fade when the flammable material (resin) has been used up and the product will disintergrate. May also evolve carbon oxides and various hydrocarbons when heated to decomposition.

Fire and Explosion No fire or explosion hazard exists.

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Extinguishing Non flammable.

Hazchem Code None Allocated

6. ACCIDENTAL RELEASE MEASURES

Spillage If spilt (bulk), use personal protective equipment. Moisten with water to prevent a dust hazard and place in sealable containers for disposal or reuse.

7. STORAGE AND HANDLING

Storage Store in cool, dry, well ventilated area, removed from acids (eg hydrofluoric acid) and foodstuffs. Suppress dust with water if stored in bulk.

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.

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION

Exposure Stds	Ingredient	Reference	TWA		STEL	
			ppm	mg/m3	ppm	mg/m3
	Silica, Crystalline Quartz	ASCC (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. Wet where possible.

PPE Wear cotton or leather gloves. If cutting or sanding with potential for dust generation, wear: dust-proof goggles and a Class P2 (Particulate) respirator.



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	MULTI-COLOURED ENGINEERED STONE	Solubility (Water)	NOT AVAILABLE
Odour	ODOURLESS	Specific Gravity	2.4
pH	NOT AVAILABLE	% Volatiles	NOT AVAILABLE
Vapour Pressure	NOT AVAILABLE	Flammability	NON FLAMMABLE
Vapour Density	NOT AVAILABLE	Flash Point	NOT RELEVANT
Boiling Point	NOT AVAILABLE	Upper Explosion Limit	NOT RELEVANT
Melting Point	NOT AVAILABLE	Lower Explosion Limit	NOT RELEVANT
Evaporation Rate	NOT AVAILABLE		

10. STABILITY AND REACTIVITY

Chemical Stability Stable under recommended conditions of storage.

Conditions to Avoid Avoid heat, sparks, open flames and other ignition sources.

Material to Avoid Incompatible with strong acids (eg. hydrofluoric acid).

Decomposition May also evolve carbon oxides and various hydrocarbons when heated to decomposition.

Hazardous Reactions Hazardous polymerization is not expected to occur.

11. TOXICOLOGICAL INFORMATION

Health Hazard Summary	Low toxicity. Due to the product form (solid), an inhalation hazard is not anticipated unless cut or ground with dust generation. Use safe work practices (ie. moisten) 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	Low to moderate irritant. Contact with dust may result in mechanical irritation. However, due to product form (solid), contact with dusts is not anticipated unless product is cut or damaged.
Inhalation	Low to moderate irritant. An inhalation hazard is not anticipated unless this material is cut, drilled or sanded with dust generation, which may result in mucous membrane irritation of the upper respiratory tract with over exposure. Crystalline silica is classified as carcinogenic to humans (IARC Group 1). Individuals with chronic respiratory disorders may be adversely affected by any fume or airborne particulate matter exposure.
Skin	Low irritant. Prolonged or repeated contact may result in mild irritation due to mechanical action. Persons with pre-existing skin disorders may be more susceptible to the effects of this material.
Ingestion	Ingestion is considered unlikely due to product form.
Toxicity Data	QUARTZ (SILICA CRYSTALLINE) AND/OR OTHER NATURAL STONE (14808-60-7) LCLo (Inhalation): 300 ug/m ³ /10 years (human) LDLo (Intratracheal): 200 mg/kg (rat) LDLo (Intravenous): 20 mg/kg (dog) TCLo (Inhalation): 16 000 000 particles/ft ³ /8 hours/17.9 years (human-fibrosis)

12. ECOLOGICAL INFORMATION

Environment	The main component/s of this product are not anticipated to cause any adverse effects to plants or animals.
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13. DISPOSAL CONSIDERATIONS

Waste Disposal	Preferred options for disposal are (1) recycling, (2) incineration with energy recovery, and (3) landfill. Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose in accordance with federal, state and local requirements.
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

Shipping Name	None Allocated				
UN No.	None Allocated	DG Class	None Allocated	Subsidiary Risk(s)	None Allocated
Packing Group	None Allocated	Hazchem Code	None Allocated	EPG	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 Drugs and Poisons (SUSDP).
AICS	All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

Additional Information	The International Agency for Research on Cancer (IARC) concluded that 'crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (Group 1)'. The National Toxicology Program (NTP), in its Ninth Annual Report on Carcinogens, concluded that silica, 'crystalline (respirable) is 'known to be a carcinogen, based on sufficient evidence in experimental animals and in humans'. The U.S. Occupational Safety and Health Administration (OSHA) does regulate crystalline silica (quartz) as a carcinogen. The American Thoracic Society position on the issue of silica carcinogenicity was published in Adverse Effects of Crystalline Silica Exposure, American Journal of Respiratory and Critical Care Medicine, Vol. 155, pp. 761-765 (1997). The official statement concluded that 'The available data support the conclusion that silicosis produces increased risk for bronchogenic carcinoma'. The cancer risk may also be increased by smoking and other carcinogens in the workplace.
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ABBREVIATIONS:
ADB - Air-Dry Basis.
BEI - Biological Exposure Indice(s)

Product Name CAESARSTONE/CONCETTO

CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.
CNS - Central Nervous System.
EINECS - European INventory of Existing Commercial chemical Substances.
IARC - International Agency for Research on Cancer.
M - moles per litre, a unit of concentration.
mg/m3 - Milligrams per cubic metre.
NOS - Not Otherwise Specified.
NTP - National Toxicology Program.
OSHA - Occupational Safety and Health Administration.
pH - relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).
ppm - Parts Per Million.
RTECS - Registry of Toxic Effects of Chemical Substances.
TWA/ES - Time Weighted Average or Exposure Standard.

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 Chem Alert report which would encompass all possible scenarios, it is anticipated that users will assess the risks and apply control methods where appropriate.

PERSONAL PROTECTIVE EQUIPMENT GUIDELINES:

The recommendation for protective equipment contained within this Chem Alert 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.

Report Status

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

It is based on information concerning the product which has been provided to RMT by the manufacturer 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.

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 Report