

**PRODUCT NAME CAESARSTONE**

**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

**Use(s)** QUARTZ SURFACING PRODUCTS

**MSDS Date** 09 June 2008

**2. HAZARDS IDENTIFICATION**

**NOT CLASSIFIED AS HAZARDOUS ACCORDING TO NOHSC CRITERIA**

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

<b>UN No.</b>	None Allocated	<b>DG Class</b>	None Allocated	<b>Subsidiary Risk(s)</b>	None Allocated
<b>Pkg Group</b>	None Allocated	<b>Hazchem Code</b>	None Allocated	<b>EPG</b>	None Allocated

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Ingredient	Formula	CAS No.	Content
SILICA, CRYSTALLINE - QUARTZ	Si-O2	14808-60-7	>60%
NON HAZARDOUS INGREDIENTS	Not Available	Not Available	remainder

**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 the Poison Information Centre 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 the Poisons Information Centre or a doctor.

**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.

**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 quartz environment of this product extinguishes the flame so that the product will disintegrate and give off smoke, but flame will not be supported. May evolve carbon oxides and titanium oxides when heated to decomposition.

**Fire and Explosion** Non flammable. No fire or explosion hazard exists.

**Extinguishing** Non flammable.

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Hazchem Code None Allocated

**6. ACCIDENTAL RELEASE MEASURES****Spillage** Collect and reuse where possible.**7. STORAGE AND HANDLING****Storage** Store in cool, dry, well ventilated area, removed from acids (eg hydrofluoric acid) and foodstuffs.**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	NOHSC (AUS)	--	0.1	--	--

**Biological Limits** No biological limit allocated.**Engineering Controls** Do not inhale dust/powder. Use with adequate natural ventilation. Where a dust inhalation hazard exists, mechanical extraction ventilation or dampening with water is recommended.**PPE** Wear cotton or leather gloves. If cutting or sanding with potential for dust generation, wear dust-proof goggles and a Class P1 (Particulate) Respirator.**9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Appearance</b>	COLOURED POLISHED/HONED SLABS	<b>Solubility (water)</b>	NOT AVAILABLE
<b>Odour</b>	SLIGHT ODOUR	<b>Specific Gravity</b>	2.4
<b>pH</b>	NOT AVAILABLE	<b>% Volatiles</b>	NOT AVAILABLE
<b>Vapour Pressure</b>	NOT AVAILABLE	<b>Flammability</b>	NON FLAMMABLE
<b>Vapour Density</b>	NOT AVAILABLE	<b>Flash Point</b>	NOT RELEVANT
<b>Boiling Point</b>	NOT AVAILABLE	<b>Upper Explosion Limit</b>	NOT RELEVANT
<b>Melting Point</b>	NOT AVAILABLE	<b>Lower Explosion Limit</b>	NOT RELEVANT
<b>Evaporation Rate</b>	NOT AVAILABLE	<b>Autoignition Temperature</b>	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 evolve carbon oxides and titanium oxides when heated to decomposition.**Hazardous Reactions** Polymerization is not expected to occur.

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## 11. TOXICOLOGICAL INFORMATION

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<b>Health Hazard Summary</b>	Low toxicity. Adverse health effects, usually associated with long term exposure to high crystalline silica dust levels are not anticipated, due to product form. This product may only present a hazard if slabs are cut, sanded or drilled with dust generation. Use safe work practices to avoid dust generation - inhalation. Chronic exposure to dust may cause lung fibrosis (silicosis). Crystalline quartz is classified as carcinogenic to humans (IARC Group 1).
<b>Eye</b>	Due to product form and nature of use, an eye hazard is not anticipated. Product may only present a hazard if slabs are cut, drilled or sanded with dust generation, which may result in mechanical irritation.
<b>Inhalation</b>	Exposure considered unlikely. An inhalation hazard is not anticipated unless slabs are cut, or drilled with dust generation which may result in mucous membrane irritation of the upper respiratory tract with over exposure.
<b>Skin</b>	Low irritant. Prolonged or repeated contact may result in mild irritation due to mechanical action.
<b>Ingestion</b>	Ingestion is considered unlikely due to product form.
<b>Toxicity Data</b>	No LD50 data available for this product.

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## 12. ECOLOGICAL INFORMATION

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<b>Environment</b>	The main component/s of this product occur naturally in the earth's crust. It is not anticipated to cause any adverse effects to plants or animals.
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## 13. DISPOSAL CONSIDERATIONS

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<b>Waste Disposal</b>	Reuse where possible. No special precautions are required for this product.
<b>Legislation</b>	Dispose of in accordance with relevant local legislation.

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## 14. TRANSPORT INFORMATION

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

<b>Shipping Name</b>	None Allocated				
<b>UN No.</b>	None Allocated	<b>DG Class</b>	None Allocated	<b>Subsidiary Risk(s)</b>	None Allocated
<b>Pkg Group</b>	None Allocated	<b>Hazchem Code</b>	None Allocated	<b>EPG</b>	None Allocated

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## 15. REGULATORY INFORMATION

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<b>Poison Schedule</b>	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).
<b>AICS</b>	All chemicals listed on the Australian Inventory of Chemical Substances (AICS).

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## 16. OTHER INFORMATION

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

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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 Material Safety Data Sheet ('MSDS').

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 MSDS, 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 MSDS.

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**MSDS Date:** 09 June 2008

**End of Report**