

PRODUCT NAME **BELLASTONE (TM) SHEET**

**1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER**

**Supplier Name** JUST STONE PTY LTD  
**Address** Unit B, 13 - 21 Mandible Street, Alexandria , NSW, Australia, 2015  
**Telephone** (02) 9310 3222  
**Fax** (02) 9310 3444  
**Emergency** 0412 744 944  
**Email** enquiries@juststone.com.au  
**Web Site**

**Synonym(s)** JUST STONE BELLASTONE SHEET  
**Use(s)** BENCHTOPS

**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>Hazchem Code</b>	None Allocated	<b>Pkg Group</b>	None Allocated
<b>DG Class</b>	None Allocated	<b>Subsidiary Risk(s)</b>	None Allocated	<b>EPG</b>	None Allocated

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Ingredient	Formula	Conc.	CAS No.
METHYL METHACRYLATE	C5-H8-O2	<1%	80-62-6
ACRYLIC POLYMER	Not Available	Not Available	Not Available
ADDITIVES	Not Available	Not Available	Not Available
INERT FILLERS	Not Available	Not Available	Not Available

**4. FIRST AID MEASURES**

**Eye** Exposure is considered unlikely.  
**Inhalation** Exposure is considered unlikely.  
**Skin** Exposure is considered unlikely.  
**Ingestion** For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor. If swallowed, do not induce vomiting. Ingestion is considered unlikely due to product form.  
**Advice to Doctor** Treat symptomatically

**5. FIRE FIGHTING MEASURES**

**Flammability** Combustible. May evolve toxic gases (nitrogen, carbon and sulphur oxides, cyanide, hydrocarbons, methyl methacrylate monomer) when heated to decomposition.  
**Fire and Explosion** Combustible. Evacuate area and contact emergency services. Toxic gases (carbon, sulphur and nitrogen oxides, cyanide, hydrocarbons, methyl methacrylate monomer) may be evolved. Remain upwind and notify those downwind of hazard. Wear full protective equipment (see spill above) including Self Contained Breathing Apparatus (SCBA) when combating fire. Use waterfog to cool intact containers an nearby storage areas.  
**Extinguishing** Dry agent, carbon dioxide, foam or water fog. Prevent contamination of drains or waterways, absorb runoff with sand or similar.  
**Hazchem Code** None Allocated

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## 6. ACCIDENTAL RELEASE MEASURES

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**Spillage** Collect and reuse where possible.

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## 7. STORAGE AND HANDLING

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**Storage** Store in cool, dry, well ventilated area, removed from moisture, oxidising agents (eg. peroxides), acids (eg. glacial acetic acid), organic solvents (eg. benzene, xylene, toluene) and foodstuffs. Ensure packaging-sheets are adequately labelled and protected from physical damage.

**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 (eg. if container is damaged).

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

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**Ventilation** Use with adequate natural ventilation. Where a vapour (heating) or dust (cutting - drilling) inhalation hazard exists, mechanical extraction ventilation is recommended. Maintain dust levels below the recommended exposure standard.

**Exposure Standards** METHYL METHACRYLATE (80-62-6)  
ES-STEL : 100 ppm (416 mg/m3)  
ES-TWA: 50 ppm (208 mg/m3) Methyl methacrylate  
WES-TWA: 50 ppm (208 mg/m3)

**PPE** If cutting or sanding with potential for dust generation, wear dust-proof goggles, a Class P1 (Particulate) Respirator, coveralls and cotton gloves.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance:</b>	COLOURED SOLID SHEET	<b>Solubility (water):</b>	INSOLUBLE
<b>Odour:</b>	ODOURLESS	<b>Specific Gravity:</b>	1.7
<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
<b>Exposure Standard:</b>	50 ppm Methyl methacrylate		

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## 10. STABILITY AND REACTIVITY

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**Reactivity** Incompatible with oxidising agents (eg. hypochlorites, peroxides), acids (eg. acetic acid), organic solvents (eg. aromatics, esters, ketones), and heat sources.

**Decomposition Products** May evolve toxic gases (nitrogen, carbon and sulphur oxides, cyanide, hydrocarbons, methyl methacrylate monomer) when heated to decomposition.

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## 11. TOXICOLOGICAL INFORMATION

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**Health Hazard Summary** Low toxicity. No adverse health effects are anticipated with normal use of this product. However, if product is cut, drilled or sanded, over exposure to the dust generated may result in irritation of the eyes and upper respiratory tract (ie. nose and throat). If heated, over exposure to vapours may also result in eye and upper respiratory tract irritation.

**Eye** Exposure considered unlikely. Due to product form, irritation is not expected unless cut or heated and dust or fumes are generated.

**Inhalation** Exposure considered unlikely. An inhalation hazard is not anticipated unless product is cut, drilled or sanded, generating dust which may result in irritation of the nose and throat. If heated, vapours may be evolved and may result in irritation of the upper respiratory tract with over exposure.

**Skin** Exposure considered unlikely. If dust is generated, prolonged exposure may result in irritation, itching, redness, rash and possible dermatitis.

**Ingestion** Exposure considered unlikely. Due to product form, ingestion is considered highly unlikely.

**Toxicity Data** METHYL METHACRYLATE (80-62-6)  
LD50 (Ingestion): 3625 mg/kg (mouse)  
LD50 (Skin): > 5000 mg/kg (rabbit)

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## 12. ECOLOGICAL INFORMATION

**Environment** Limited ecotoxicity data was available for this product at the time this report was prepared. Ensure appropriate measures are taken to prevent this product from entering the environment.

## 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

**Shipping Name** None Allocated

**UN No.** None Allocated      **Hazchem Code** None Allocated      **Pkg Group** None Allocated

**DG Class** None Allocated      **Subsidiary Risk(s)** 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** RESPIRATORS: In general the use of respirators should be limited and engineering controls employed to avoid exposure. If respiratory equipment must be worn ensure correct respirator selection and training is undertaken. Remember that some respirators may be extremely uncomfortable when used for long periods. The use of air powered or air supplied respirators should be considered where prolonged or repeated use is necessary.

### ABBREVIATIONS:

mg/m<sup>3</sup> - Milligrams per cubic metre

ppm - Parts Per Million

TWA/ES - Time Weighted Average or Exposure Standard.

CNS - Central Nervous System

NOS - Not Otherwise Specified

pH - relates to hydrogen ion concentration - this value will relate to a scale of 0 - 14, where 0 is highly acidic and 14 is highly alkaline.

CAS# - Chemical Abstract Service number - used to uniquely identify chemical compounds.

M - moles per litre, a unit of concentration.

IARC - International Agency for Research on Cancer.

### 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.

### 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.

**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:** 1 April 2008

**End of Report**