

**CORIAN® SHEET**

Version 2.0

Revision Date 15.02.2005

Ref. 13000000804

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING****Product information**

Trade name : CORIAN® SHEET  
Use of the : miscellaneous  
Substance/Preparation Company : Du Pont (Australia) Ltd  
168 Walker Street  
North Sydney NSW 2060  
Australia

Telephone : (02) 9923 6111  
Telefax : (02) 9923 6011  
Emergency telephone number : (02) 9963 1301

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

**Chemical nature** : Mineral-filled polymethylmethacrylate.

**Components**

Chemical Name	CAS-No.	Concentration
Methyl methacrylate	80-62-6	0 - 1%

**3. HAZARDS IDENTIFICATION****Hazardous classification**

Not classified as dangerous goods according to the ADG Code.  
Not classified as hazardous according to criteria of NOHSC.

**Specific hazards**

The product as such is not hazardous.  
The hazards of this product are associated mainly with its processing.  
Frictional heat from sawing or routing of the product can reach or exceed temperatures of 300°C. This is high enough to release small amounts of methyl methacrylate vapours.  
Dust may form explosive mixture in air.

**4. FIRST AID MEASURES**

Inhalation : Move to fresh air.  
Skin contact : not applicable  
Eye contact : not applicable  
Ingestion : not applicable

**5. FIRE-FIGHTING MEASURES**

Suitable extinguishing : The product itself does not burn., Use extinguishing measures that are

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media : appropriate to local circumstances and the surrounding environment.

Specific hazards during fire fighting : Hazardous decomposition products

Carbon monoxide smoke

**6. ACCIDENTAL RELEASE MEASURES**

Personal precautions : Wear personal protective equipment.

Environmental precautions : not applicable

Methods for cleaning up : not applicable

**7. HANDLING AND STORAGE****Handling**

Advice on safe handling : Provide for appropriate exhaust ventilation and dust collection at machinery. Avoid dust formation. Frictional heat from sawing or routing of the product can reach or exceed temperatures of 300°C. This is high enough to release small amounts of methyl methacrylate vapours.

Advice on protection against fire and explosion : Avoid dust formation.

**Storage**

Advice on common storage : No special restrictions on storage with other products.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION****Components with workplace control parameters**

Components	Values	Control parameters	Basis
Methyl methacrylate	TWA	208 mg/m <sup>3</sup> (50 ppm)	NOHSC:1003 (2003)
	STEL	416 mg/m <sup>3</sup> (100 ppm)	NOHSC:1003 (2003)
Can be absorbed through the skin.			
	TWA	(50 ppm)	ACGIH (2003)
	STEL	(100 ppm)	ACGIH (2003)

Sensitiser.

**Engineering measures**

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Provide appropriate exhaust ventilation at places where dust is formed.

**Personal protective equipment**

Respiratory protection : In case of insufficient ventilation wear suitable respiratory equipment.

Hand protection : protective gloves

Eye protection : safety glasses

Hygiene measures : Wash hands before breaks and at the end of workday.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Form : solid

Colour : various

Odour : none

Flash point : does not flash

Density : 1.6 - 1.8 g/cm<sup>3</sup>

Water solubility : insoluble

**10. STABILITY AND REACTIVITY**

Conditions to avoid : None reasonably foreseeable.

Hazardous decomposition products : Methyl methacrylate monomer

**11. TOXICOLOGICAL INFORMATION**

Acute oral toxicity : not applicable

Acute oral toxicity

• Methyl methacrylate : LD<sub>50</sub>/rat : 7,872 mg/kg

Acute inhalation toxicity

• Methyl methacrylate : Irritating to respiratory system.

**12. ECOLOGICAL INFORMATION**

**Further information on ecology**

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Additional ecological information : This product has no known eco-toxicological effects.

**13. DISPOSAL CONSIDERATIONS**

Product : Can be landfilled or incinerated, when in compliance with local regulations.

Contaminated packaging : Cardboard boxes can be transported/delivered to local recycling facilities.

**14. TRANSPORT INFORMATION**

Further Information : Not classified as dangerous goods according to the ADG Code.

**15. REGULATORY INFORMATION****National regulatory information:**

SUSDP : No poison schedule number allocated

**16. OTHER INFORMATION****Sources of key data used to compile the datasheet:**

1. National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition [NOHSC:2011(2003)]
2. Approved Criteria for Classifying Hazardous Substances [NOHSC:1008(1999)]
3. List of Designated Hazardous Substances [NOHSC:10005(1999)]
4. Adopted National Exposure Standards for Atmospheric Contaminants in the Occupational Environment [NOHSC:1003(1995)]
5. Australian Dangerous Goods Code, No. 6 [National Road Transport Commission]
6. Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP), No. 19 [NDPSC: 2004]
7. National Code of Practice for the Labelling of Workplace Substances [NOHSC:2012(1994)]

**Department:**

Du Pont (Australia) Ltd  
168 Walker Street  
North Sydney NSW 2060  
Australia

**Further information:**

Before use read DuPont's safety information.

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