

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

**1.1 Product identifier**

**Product name** PR 1422 B 1/2 PART B  
**Synonym(s)** PR1422 B1/2 PART B • MFG: PRC DESOTO / PPG AEROSPACE

**1.2 Uses and uses advised against**

**Use(s)** EPOXY RESIN SYSTEM • SEALANT

**1.3 Details of the supplier of the safety data sheet**

**Supplier name** AEROSPACE COMPOSITES  
**Address** Suite 203 434 St Kilda Road, VIC, Australia, 3004  
**Telephone** (03) 9866 8641  
**Fax** (03) 9867 1886  
**Email** aerospacecomp@bigpond.com  
**Website** http://www.aerospacecomposites.com.au

**1.4 Emergency telephone number(s)**

**Emergency** 13 11 26 (Poisons Information Centre)

**2. HAZARDS IDENTIFICATION**

**2.1 Classification of the substance or mixture**

CLASSIFIED AS HAZARDOUS ACCORDING TO SAFE WORK AUSTRALIA CRITERIA

**GHS Classification(s)** Serious Eye Damage / Eye Irritation: Category 2A  
 Toxic to Reproduction: Category 2

**2.2 Label elements**

**Signal word** WARNING

**Pictograms**



**Hazard statement(s)**

H319 Causes serious eye irritation.  
 H361 Suspected of damaging fertility or the unborn child.

**Prevention statement(s)**

P202 Do not handle until all safety precautions have been read and understood.  
 P264 Wash thoroughly after handling.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.

**Response statement(s)**

P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P308 + P313 IF exposed or concerned: Get medical advice/ attention.

**Storage statement(s)**

P405 Store locked up.

**Disposal statement(s)**

P501 Dispose of contents/container in accordance with relevant regulations.

**2.3 Other Hazards**

No information provided.

**3. COMPOSITION/ INFORMATION ON INGREDIENTS**

**3.1 Substances / Mixtures**

Ingredient	CAS number	EC number	Content
------------	------------	-----------	---------

Product name **PR 1422 B 1/2 PART B**

Ingredient	CAS number	EC number	Content
ADDITIVE(S)	Not Available	Not Available	remainder
CALCIUM CARBONATE	471-34-1	207-439-9	10 - 30%
BISPHENOL-A-(EPICHLORHYDRIN), REACTION PRODUCT	25068-38-6	500-033-5	<10%
TOLUENE	108-88-3	203-625-9	<10%
MODIFIED POLYSULPHIDE POLYMER	Not Available	Not Available	<10%

## 4. FIRST AID MEASURES

No information provided.

No information provided.

Treat symptomatically.

## 5. FIREFIGHTING MEASURES

### 5.1 Extinguishing media

No information provided.

### 5.2 Special hazards arising from the substance or mixture

No information provided.

### 5.3 Advice for firefighters

No information provided.

### 5.4 Hazchem code

None allocated

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures

No information provided.

### 6.2 Environmental precautions

No information provided.

### 6.3 Methods of cleaning up

No information provided.

### 6.4 Reference to other sections

No information provided.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling

No information provided.

### 7.2 Conditions for safe storage, including any incompatibilities

No information provided.

### 7.3 Specific end use(s)

No information provided.

Product name **PR 1422 B 1/2 PART B**

**8. EXPOSURE CONTROLS/ PERSONAL PROTECTION**

**8.1 Control parameters**

**Exposure standards**

Substance	Reference	TWA		STEL	
		ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
Calcium carbonate (Limestone, Marble, Whiting)	SWA (AUS)	--	10	--	--
Toluene	SWA (AUS)	50	191	150	574

**Biological limits**

Ingredient	Reference	Determinant	Sampling time	BEI
TOLUENE	ACGIH BEI	o-Cresol in urine	End of shift	0.02 mg/L
	ACGIH BEI	Toluene in urine	End of shift	0.03 mg/L
	ACGIH BEI	Toluene in blood	Prior to last shift of workweek	0.02 mg/L

**8.2 Exposure controls**

**Engineering Controls** No information provided.

**PPE**

- Eye/Face** Wear splash-proof goggles.
- Hand** Wear PVA or viton (R) gloves.
- Body** Wear coveralls. If spraying, with prolonged use, or if in confined areas, wear impervious coveralls.
- Respiratory** Wear a Type AB (Organic and Inorganic gases/vapours) respirator. If sanding dry product, wear a Class P1 (Particulate) respirator. If spraying, with prolonged use, or if in confined areas, wear an Air-line respirator.



**9. PHYSICAL AND CHEMICAL PROPERTIES**

**9.1 Information on basic physical and chemical properties**

<b>Appearance</b>	BROWN PASTE
<b>Odour</b>	SLIGHT ODOUR
<b>Odour Threshold</b>	NOT AVAILABLE
<b>pH</b>	NOT AVAILABLE
<b>Melting Point</b>	NOT AVAILABLE
<b>Boiling Point</b>	NOT AVAILABLE
<b>Flash Point</b>	70°C (cc)
<b>Evaporation Rate</b>	NOT AVAILABLE
<b>Flammability</b>	CLASS C1 COMBUSTIBLE
<b>Upper Explosion Limit</b>	NOT AVAILABLE
<b>Lower Explosion Limit</b>	NOT AVAILABLE
<b>Vapour Pressure</b>	NOT AVAILABLE
<b>Vapour Density</b>	> 1 (Air = 1)
<b>Solubility (water)</b>	NOT AVAILABLE
<b>Partition Coefficient</b>	NOT AVAILABLE
<b>Autoignition Temperature</b>	NOT AVAILABLE
<b>Decomposition Temperature</b>	NOT AVAILABLE
<b>Viscosity</b>	NOT AVAILABLE
<b>Explosive Properties</b>	NOT AVAILABLE

**Product name** PR 1422 B 1/2 PART B

**Oxidising Properties** NOT AVAILABLE

**Specific Gravity** 1.38

**9.2 Other information**

No information provided.

**10. STABILITY AND REACTIVITY**

**10.1 Reactivity**

Carefully review all information in sections 10.2 to 10.6.

**10.2 Chemical stability**

No information provided.

**10.3 Possibility of hazardous reactions**

No information provided.

**10.4 Conditions to avoid**

No information provided.

**10.5 Incompatible materials**

No information provided.

**10.6 Hazardous decomposition products**

May evolve toxic gases if heated to decomposition.

**11. TOXICOLOGICAL INFORMATION**

**11.1 Information on toxicological effects**

**Health Hazard Summary** No information provided.

No information provided.

No information provided.

No information provided.

No information provided.

CALCIUM CARBONATE (471-34-1)

LD50 (Ingestion): 6450 mg/kg (rat)

BISPHENOL-A-(EPICHLORHYDRIN), REACTION PRODUCT (25068-38-6)

LD50 (Ingestion): 2 - 19 g/kg (rat)

LD50 (Intraperitoneal): 2.2 g/kg (rat)

LD50 (Skin): > 20 mL/kg (rabbit)

TOLUENE (108-88-3)

LC50 (Inhalation): 400 ppm/24 hours (mouse)

LCLo (Inhalation): 1600 ppm (guinea pig)

LD50 (Ingestion): 636 mg/kg (rat)

LD50 (Skin): 14100 µL/kg (rabbit)

LDLo (Ingestion): 50 mg/kg (human)

Product name **PR 1422 B 1/2 PART B**

**12. ECOLOGICAL INFORMATION**

**12.1 Toxicity**

No information provided.

**12.2 Persistence and degradability**

No information provided.

**12.3 Bioaccumulative potential**

No information provided.

**12.4 Mobility in soil**

No information provided.

**12.5 Results of PBT and vPvB assessment**

No information provided.

**12.6 Other adverse effects**

No information provided.

**13. DISPOSAL CONSIDERATIONS**

**13.1 Waste treatment methods**

No information provided.

**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

	Land Transport (ADG)	Sea Transport (IMDG/IMO)	Air Transport (IATA/ICAO)
<b>14.1 UN number</b>	None Allocated	None Allocated	None Allocated
<b>14.2 UN proper shipping name</b>	None Allocated	None Allocated	None Allocated
<b>14.3 Transport hazard classes</b>			
<b>DG Class</b>	None Allocated	None Allocated	None Allocated
<b>Subsidiary risk(s)</b>	None Allocated	None Allocated	None Allocated
<b>14.4 Packing group</b>	None Allocated	None Allocated	None Allocated
<b>14.5 Environmental hazards</b>		None Allocated	
<b>14.6 Special precautions for user</b>			
<b>Hazchem Code</b>	None Allocated		

**15. REGULATORY INFORMATION**

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

**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).

**Classifications** N - Dangerous for the environment  
Xi - Irritant

**Risk phrases** R43: May cause sensitisation by skin contact.  
R52/53: Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

**Safety phrases** S24: Avoid contact with skin.  
S37: Wear suitable gloves.

**Product name** PR 1422 B 1/2 PART B

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

**15.2 Chemical safety assessment**

No information provided.

**16. OTHER INFORMATION**

**Additional information** 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.

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.

<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
	EMS	Emergency Schedules (Emergency Procedures for Ships Carrying Dangerous Goods)
	GHS	Globally Harmonized System
	GTEPG	Group Text Emergency Procedure Guide
	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
	pH	relates to hydrogen ion concentration using a scale of 0 (high acidic) to 14 (highly alkaline).
	ppm	Parts Per Million
	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

**Report Status** This ChemAlert report has been independently compiled by RMT's scientific department utilising the original Safety Data Sheet ('SDS') for the product provided to RMT by the manufacturer. The information is based on the latest chemical and toxicological research 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. It is an independent collation by RMT of information obtained from the original SDS for this product. Its content has not been authorised or verified by the manufacturer / distributor of the chemical to which it relates.

This ChemAlert report does not constitute the manufacturer's original SDS and is not intended to be a replacement for same. It is provided to subscribers of ChemAlert as a reference tool only, is not all-inclusive and does not represent any guarantee as to the properties of the product. Further clarification regarding any aspect of the product should be obtained directly from the manufacturer.

**Product name**            **PR 1422 B 1/2 PART B**

While RMT has taken all due care to include accurate and up-to-date information in this ChemAlert report, 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 ChemAlert report.

**Prepared By**            Risk Management Technologies  
5 Ventnor Ave, West Perth  
Western Australia 6005  
Phone: +61 8 9322 1711  
Fax: +61 8 9322 1794  
Email: info@rmt.com.au  
Web: www.rmt.com.au

**Last Reviewed:** 20 Nov 2012

**Date Printed:** 10 Oct 2016

**Based on SDS dated:** 20 Nov 2012

**End of Report**