



## 600G – SPARTA 100 PART B

### POLYASPARTIC

#### Section 1: Identification of Product & Supplier

<b>Product Name:</b>	600G Part B
<b>Recommended Uses:</b>	Manufacture of paints and varnishes. For industrial use, professional use.
<b>Supplier:</b>	All Purpose Coatings Pty Ltd
<b>ABN:</b>	13 168 535 304
<b>Street Address:</b>	12/10 Boron Street. Sumner Park. Queensland 4074.
<b>Telephone Number:</b>	(07) 3271 3252
<b>Email Address:</b>	<a href="mailto:sales@allpurpose.com.au">sales@allpurpose.com.au</a>
<b>Emergency Telephone:</b>	1800 033 111 (ALL HOURS)

#### Section 2: Hazards Identification

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

This material is hazardous according to Safe Work Australia; HAZARDOUS SUBSTANCE.

##### Classification of the substance or mixture:

Acute Inhalation Toxicity - Category 4  
Skin Sensitisation - Category 1  
Specific target organ toxicity (single exposure) - Category 3

**SIGNAL WORD:** WARNING



##### Hazard Statement(s):

H332 Harmful if inhaled.  
H317 May cause an allergic skin reaction.  
H335 May cause respiratory irritation.

##### Precautionary Statement(s):

##### Prevention:

P261 Avoid breathing mist / vapours / spray.  
P271 Use only outdoors or in a well-ventilated area.  
P272 Contaminated work clothing should not be allowed out of the workplace.  
P280 Wear protective gloves / protective clothing / eye protection / face protection.

**Response:**

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
 P312 Call a POISON CENTER or doctor/physician if you feel unwell.  
 P302+P352 IF ON SKIN: Wash with plenty of soap and water.  
 P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
 P321 Specific treatment (see First Aid Measures on Safety Data Sheet).  
 P363 Wash contaminated clothing before re-use.

**Storage:**

P403+P233 Store in a well-ventilated place. Keep container tightly closed.  
 P405 Store locked up.

**Disposal:**

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**Poisons Schedule (SUSMP):** S6 Poison.

**Section 3: Composition & Information on ingredients**

Components	CAS Number	Proportion	Hazard Codes
Hexamethylene diisocyanate, homopolymer	28182-81-2	100%	H3217 H332 H335
Hexamethylene diisocyanate	822-06-0	<0.2%	H302 H330 H319 H335 H315 H334 H317

**Section 4: First Aid Measures**

For advice, contact a Poisons Information Centre (e.g. phone Australia 131 126; New Zealand 0800 764 766) or a doctor.

**Inhalation:**

Remove victim from area of exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. If patient finds breathing difficult and develops a bluish discolouration of the skin (which suggests a lack of oxygen in the blood - cyanosis), ensure airways are clear of any obstruction and have a qualified person give oxygen through a face mask. Apply artificial respiration if patient is not breathing. Seek immediate medical advice.

**Skin Contact:**

If skin or hair contact occurs, immediately remove any contaminated clothing and wash skin and hair thoroughly with running water and soap. If swelling, redness, blistering or irritation occurs seek medical assistance.

**Eye Contact:**

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 or a doctor, or for at least 15 minutes.

**Ingestion:**

If swallowed, do NOT induce vomiting. Do not give anything to drink. Seek immediate medical assistance.

**Indication of immediate medical attention and special treatment needed:**

Treat symptomatically.



## Section 5: Fire Fighting Measures

### Suitable Extinguishing Media:

Normal foam, dry agent (carbon dioxide, dry chemical powder).

### Unsuitable Extinguishing Media:

Water.

### Specific hazards arising from the substance or mixture:

Combustible liquid.

### Special protective equipment and precautions for fire-fighters:

On burning will emit toxic fumes, including those of oxides of carbon, and oxides of nitrogen. Keep containers cool with water spray. If safe to do so, remove containers from path of fire. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

## Section 6: Accidental Release Measures

### Emergency procedures/Environmental precautions:

Shut off all possible sources of ignition. Clear area of all unprotected personnel. If contamination of sewers or waterways has occurred advise local emergency services.

### Personal precautions/Protective equipment/Methods and materials for containment and cleaning up:

Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contact and breathing in vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other

## Section 7: Handling and Storage

Classified as a C2 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS 1940. Refer to State Regulations for storage and transport requirements.

This material is a Scheduled Poison S6 and must be stored, maintained and used in accordance with the relevant regulations.

### Precautions for safe handling:

Avoid skin and eye contact and breathing in vapour, mists and aerosols. Keep out of reach of children.

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

Store in a cool, dry, well ventilated place. Store away from sources of heat or ignition. Store away from foodstuffs. Store away from incompatible materials described in Section 10. Keep dry - reacts with water, may lead to drum rupture. Do not store in copper or copper alloy containers. Do not store in tin containers. Keep containers closed when not in use - check regularly for leaks.



## Section 8: Exposure Controls & Personal Protection

**Control Parameters:** No value assigned for this specific material by Safe Work Australia. However, Workplace Exposure Standard(s) for constituent(s):

Isocyanates, all (as -NCO): 8hr TWA = 0.02 mg/m<sup>3</sup>, 15 min STEL = 0.07 mg/m<sup>3</sup>, Sen

As published by Safe Work Australia Workplace Exposure Standards for Airborne Contaminants.

TWA - The time-weighted average airborne concentration of a particular substance when calculated over an eight-hour working day, for a five-day working week.

STEL (Short Term Exposure Limit) - the airborne concentration of a particular substance calculated as a time-weighted average over 15 minutes, which should not be exceeded at any time during a normal eight-hour work day. According to current knowledge this concentration should neither impair the health of, nor cause undue discomfort to, nearly all workers.

'Sen' Notice - sensitiser. The substance can cause a specific immune response in some people. An affected individual may subsequently react to exposure to minute levels of that substance and should not be further exposed to the substance.

These Workplace Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric contamination should be kept to as low a level as is workable. These workplace exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

### Appropriate engineering controls:

Ensure ventilation is adequate and that air concentrations of components are controlled below quoted Workplace Exposure Standards. Vapour heavier than air - prevent concentration in hollows or sumps. DO NOT enter confined spaces where vapour may have collected. Keep containers closed when not in use.

If in the handling and application of this material, safe exposure levels could be exceeded, the use of engineering controls such as local exhaust ventilation must be considered and the results documented. If achieving safe exposure levels does not require engineering controls, then a detailed and documented risk assessment using the relevant Personal Protective Equipment (PPE) (refer to PPE section below) as a basis must be carried out to determine the minimum PPE requirements.

### Individual protection measures, such as Personal Protective Equipment (PPE):

The selection of PPE is dependent on a detailed risk assessment. The risk assessment should consider the work situation, the physical form of the chemical, the handling methods, and environmental factors.

OVERALLS, CHEMICAL GOGGLES, SAFETY SHOES, FACE SHIELD OR AIR MASK, GLOVES (Long).

\* Not required if wearing air supplied mask.



Wear overalls, impervious gloves and a positive pressure air supplied full-face respirator. Apply in a spray booth fitted with an effective exhaust system and comply with local regulations applicable to spray painting. The spray booth should be isolated from other people whilst spraying is in progress and until all spray mist has been effectively dispersed. The can may be under pressure. Before opening, place cloth over lid to prevent contents splashing. To open, hold hand firmly on cloth over lid to prevent lid flying off, then lever lid off gradually. Avoid breathing dust when sanding. Wet sand or use a dust mask. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

## Section 9: Physical & Chemical Properties

<b>Physical state:</b>	Liquid
<b>Colour:</b>	Colourless to Slightly Yellow
<b>Odour:</b>	Odourless
<b>Solubility:</b>	Reacts with water.
<b>Specific Gravity:</b>	1.16
<b>Relative Vapour Density (air=1):</b>	Not available
<b>Vapour Pressure (20 °C):</b>	Not available
<b>Flash Point (°C):</b>	228
<b>Flammability Limits (%):</b>	Not available
<b>Autoignition Temperature (°C):</b>	460
<b>Boiling Point/Range (°C):</b>	>220 @1.33 hPa
<b>Decomposition Point (°C):</b>	Not available
<b>pH:</b>	Not applicable
<b>Viscosity:</b>	1200 mPa.s @25°C (Dynamic)
<b>Freezing Point/Range (°C):</b>	< -20

## Section 10: Stability & Reactivity Stability

<b>Reactivity:</b>	Reacts with water.
<b>Chemical stability:</b>	Stable at ambient temperatures.
<b>Possibility of hazardous reactions:</b>	Reacts with alcohols, amines, bases, water, aqueous solutions, protic solvents liberating carbon dioxide.
<b>Conditions to avoid:</b>	Avoid exposure to heat, sources of ignition, and open flame.
<b>Incompatible materials:</b>	Incompatible with alcohols, amines, bases, water, aqueous solutions, protic solvents.
<b>Hazardous decomposition products:</b>	Oxides of carbon. Oxides of nitrogen.

## Section 11: Toxicological Information

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

<b>Ingestion:</b>	No adverse effects expected, however, large amounts may cause nausea and vomiting.
<b>Eye contact:</b>	May be an eye irritant.
<b>Skin contact:</b>	Repeated or prolonged skin contact may lead to irritation. A skin sensitizer. Repeated or prolonged skin contact may lead to allergic contact dermatitis.
<b>Inhalation:</b>	Material is irritant to the mucous membranes of the respiratory tract (airways).

# ALLPURPOSE COATINGS



(07) 3703 2609

Unit 12 / 10 Boron Street  
Sumner Park QLD 4074

[www.allpurposecoatings.com.au](http://www.allpurposecoatings.com.au)

## Acute toxicity:

Oral LD50 (rat):	>2500 mg/kg (female)
Dermal LD50 (rat):	>2000 mg/kg
Dermal LD50 (rabbit):	>2000 mg/kg
Inhalation LC50 (rat):	0.390 mg/L/4h (female)

**Skin corrosion/irritation:** Non-irritant

**Serious eye damage/irritation:** Non-irritant  
**Respiratory or skin sensitisation:** A skin sensitiser

**Chronic effects:** Not carcinogenic. Not mutagenic.

## Section 12: Ecological Information

**Ecotoxicity:** Avoid contaminating waterways.  
**Persistence/degradability:** The material is not readily biodegradable.

## Section 13: Disposal Consideration.

### Disposal methods:

Refer to Waste Management Authority. Dispose of contents/container in accordance with local/regional/national/international regulations.

## Section 14: Transport Information

### Road and Rail Transport

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail; NON-DANGEROUS GOODS.

### Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea; NON-DANGEROUS GOODS.

### Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air; NON-DANGEROUS GOODS.

## Section 15: Regulatory Information

### Classification:

This material is hazardous according to Safe Work Australia; HAZARDOUS SUBSTANCE.

### Classification of the substance or mixture:

Acute Inhalation Toxicity - Category 4  
 Skin Sensitisation - Category 1  
 Specific target organ toxicity (single exposure) - Category 3

### Hazard Statement(s):

H332 Harmful if inhaled.  
 H317 May cause an allergic skin reaction.  
 H335 May cause respiratory irritation.

**Poisons Schedule (SUSMP):** S6 Poison.

This material is listed on the Australian Inventory of Chemical Substances (AICS).





## Section 16: Other Information

MSDS's are updated frequently. Please ensure you have the current copy. This MSDS summarises at the date of issue our best knowledge of health and safety hazard information of the product, and in particular how to handle and use the product in the workplace. Since All Purpose Coatings Pty Ltd cannot anticipate or control the conditions under which the product may be used each user must, prior to usage, review this MSDS in the context to use and handling of the product in the workplace. If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact All Purpose Coatings Pty Ltd. Our responsibility for the product as sold is subject to our standard terms and conditions, a copy of which is available upon request.

**DATE OF ISSUE:** - 04.08.16

**DISCLAIMER** It is believed that the information given in this Safety Data Sheet is correct at the date of issue. It is offered in good faith, but without guarantee and without acceptance of responsibility for its accuracy.

ALL PURPOSE COATINGS pursues a policy of ongoing research and development aimed at product improvement and, therefore, may change the formulation, specification and characteristics of its products without notice. It is the user's responsibility to verify the current formulation, specification or characteristics of a product and to ascertain that it is suitable for an intended use or application.

### **IMPORTANT NOTICE:**

Read the MSDS and TDS carefully prior to use as application or performance data may change from time to time. In emergency, contact the Poisons Information Centre (phone 13 11 26 within Australia) or a doctor for advice.

### **PRODUCT DISCLAIMER:**

This Technical Data Sheet (TDS) summarises to the best of our knowledge the product, including how to use and apply the product based on the information available at the time.

You should read this TDS carefully and consider the information in the context of how you will apply the product, including if it is being used in conjunction with any other products, the type of surfaces and the manner in which the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. All Purpose Coatings does not accept any liability either directly or indirectly for any losses suffered that arises from the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.