



Safety Data Sheet

Barnes Budget 25 Part B

Version: 4.0 (AUS)

Date of print: 08.09.2006

Date of last alteration: 04.03.2004

NOT CLASSIFIED AS HAZARDOUS ACCORDING TO THE CRITERIA OF NOHSC

1 Identification of the substance/preparation and company

1.1 Name of substance/preparation

Commercial product name: Budget 25 Part B

1.2 Use of substance / preparation: Industrial. Intermediate chemical

1.3 Company name

Distributor: Barnes Products Pty Limited
Street/POB-No.: PO Box 393
State/postal code/city: Padstow NSW 2211
Telephone: +61 2 9793 7555
Telefax: +61 2 9793 7555

1.4 Australian Emergency Telephone Number:

Emergency Information: Barnes Products Pty Limited +61 2 9793 7555

2 Composition/information on ingredients

2.1 Chemical characterization (preparation):

Chemical characteristics

Organotin compound + silicic acid ester + polydimethylsiloxane

2.2 Hazardous ingredients:

EINECS / ELINCS-No.	CAS No.	Material	Content %		Warning Label (EU)	
			from	until	Symbol	R-Phrases
220-481-2	2781-10-4	Di-n-butyltin-di-2-ethylhexanoate	>=1,0		C, N	34-48/22-50/53

R-Phrase	Description
R34 R48/22 R50/53	Causes burns. Harmful: danger of serious damage to health by prolonged exposure if swallowed. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

3 Hazards identification

3.0 This chemical is not classified as Hazardous according to the criteria of NOHSC.
This chemical is classified as a Dangerous Good.

3.1 Classification:

R-Phrase	Description
R10	Flammable.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.



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4 First-aid measures

4.1 General information:

Where there is a risk of unconsciousness place and transport on one side in a stable position.

4.2 After inhalation:

Move to fresh air, keep the victim laying down and restful. If breathing has stopped, give artificial respiration. Seek medical advice and clearly identify substance.

4.3 After contact with the skin:

Wipe off excess material with cloth or paper. Wash with plenty of water or soap and water; immediately remove all contaminated clothing. Seek medical advice and clearly identify substance.

4.4 After contact with the eyes:

Rinse immediately with plenty of water for 10-15 minutes and seek medical advice.

4.5 After swallowing:

Induce drinking plenty of water in small portions. Do not induce vomiting. Seek medical advice immediately and produce the label or packaging.

5 Fire-fighting measures

5.1 Suitable extinguishing media:

water spray , water mist , extinguishing powder , sand , foam , carbon dioxide .

5.2 Extinguishing media which must not be used for safety reasons:

water jet .

5.3 Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases:

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5.4 Special protective equipment for fire fighting:

Use respiratory protection independent of recirculated air.

6 Accidental release measures

6.1 Personal precautions:

Wear personal protection equipment (see section 8). Avoid contact with eyes and skin. Do not inhale gases/vapours/aerosols. Ensure adequate ventilation.

6.2 Environmental precautions:

Prevent material from entering sewers or surface waters. Inform authorities if substance leaks into surface waters, sewerage or ground. Contain any fluid that runs out using suitable material (e.g. earth). Retain contaminated water/extinguishing water. Dispose of in prescribed marked containers.

6.3 Methods for cleaning up:

Do not flush away with water. Take up mechanically and dispose of according to local/state/federal regulations. Absorb with a liquid binding material such as diatomaceous earth and dispose of according to local/state/federal regulations. Contain larger amounts and pump up into suitable containers.

6.4 Further information:

Eliminate all sources of ignition.



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7 Handling and storage

7.1 Handling

Precautions for safe handling:

Ensure adequate ventilation. Reseal opened containers carefully.

Precautions against fire and explosion:

Take precautionary measures against electrostatic charging. Keep away from open flames, heat and sparks. Cool endangered containers with water. In partly emptied containers formation of explosive mixtures is possible.

7.2 Storage

Conditions for storage rooms and vessels:

Protect against frost. Make sure there is no possibility of entering the ground.

Advice for storage of incompatible materials:

not applicable

Further information for storage:

Keep container tightly closed and store in a cool, well ventilated place. Store in a dry and cool place. Protect against moisture.

Minimum temperature allowed during storage and transportation: 0 °C

Maximum temperature allowed during storage and transportation: 30 °C

8 Exposure controls and personal protection equipment

8.1 Exposure limits

Maximum airborne concentrations at the workplace

CAS No.	Material	Type	mg/m ³	ppm	Dust fract.	Fibre/m ³
109-60-4	Propyl acetate	TLV_GB	849,0	200,0		
71-23-8	1-Propanol	TLV_GB	500,0	200,0		
CAS No.	Material	Type, mg/m ³				
7440-31-5	Tin, Organic Compound (as Sn)	Australian Exposure Standard TWA 0.1 mg/m ³ & STEL 0.2 mg/m ³			Skin absorption hazard	

8.2 Exposure limited and controlled

8.2.1 Exposure in the work place limited and controlled

General protection and hygiene measures:

Avoid contact with eyes and skin. Do not inhale gases/vapours/aerosols. Do not eat, drink or smoke when handling. Wash hands at the end of work and before eating.

Personal protection equipment

Respiratory protection:

In case of long or strong exposure: gas mask filter A .

Hand protection:

Protective gloves made of butyl rubber , nitrile rubber protective gloves . At any sign of decay or chemical permeability remove gloves immediately and replace. Gloves suitable for up to 60 minutes' use.



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Eye protection:

protective goggles .

Skin protection:

protective clothing .

8.2.2 Exposure to the environment limited and controlled:

Observe local waste water bye-laws for organo tin and tin compounds. Prevent material from entering surface waters, drains or sewers and open soil.

9 Physical and chemical properties

9.1 General information

Physical state / form.....: liquid
Colour.....: colourless
Odour.....: slight

9.2 Important information about the protection of health, safety and the environment

**Method
(67/548/EEC):**

Melting point / melting range.....: not determined
Boiling point / boiling range.....: approx. 175 °C at 1013 hPa
Flash point.....: approx. 53 °C (DIN 53213)
Ignition temperature: 255 °C (DIN 51794)
Lower explosion limit (LEL).....: not determined
Upper explosion limit (UEL).....: not determined
Vapour pressure.....: approx. 15 hPa at 20 °C
Density.....: approx. 0,96 g/cm³ at 20 °C (DIN 51757)
Water solubility / miscibility.....: virtually insoluble
pH-Value.....: not applicable
Viscosity (dynamic).....: approx. 15 mPa*s at 23 °C

9.3 Other information

Re 9.2 solubility in water: Hydrolytic decomposition occurs. Hydrolysis products reduce the flash point.

Thermal decomposition.....: not applicable

10 Stability and reactivity

10.0 General information:

If stored and handled in accordance with standard industrial practices no hazardous reactions are known.

10.1 Conditions to avoid:

moisture

10.2 Materials to avoid:

Reacts with: water , basic substances and acids . Reaction causes the formation of: alcohols .

10.3 Hazardous decomposition products:

If stored and handled in accordance with standard industrial practices and local regulations where applicable: none known . Under the effect of humidity, water and protic agents: alcohols .



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11 Toxicological information

11.0 General information:

Note indications of danger and safety advice (R- and S-phrases) in section 15.

11.1 Toxicological tests

Further information:

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12 Ecological information

12.1 Ecotoxicity

Classification based on ingredients: Harmful to aquatic organisms. May have long-term damaging effects in in-shore waters.

Effects in sewage treatment plants (bacteria toxicity: respiration-/reproduction inhibition):

Do not introduce large amounts into purification plants.

12.2 Mobility

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12.3 Persistence and degradability

Biodegradation / further information:

Silicone content: Biologically not degradable. The hydrolysis product (propanol) is easily biologically degradable.

Further information:

Silicone content: Elimination by adsorption in activated sludge.

12.4 Bio-accumulation potential

Further information:

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12.5 Other harmful effects

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12.6 Further ecological information

General information:

Prevent material from entering surface waters, drains or sewers and open soil.

13 Disposal considerations

13.1 Material

Recommendation:

Dispose of according to regulations by incineration in a special waste incinerator. Observe local/state/federal regulations.



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13.2 Uncleaned packaging

Recommendation:

Completely discharge containers (no tear drops, no powder rest, scraped carefully). Containers may be recycled or re-used. Observe local/state/federal regulations. Uncleaned packaging should be treated with the same precautions as the material.

14 Transport information

14.1 Land transport GGVSE/ADR and RID

Road ADR:

Valuation.....:	Hazardous product
Class.....:	3
Packaging Group.....:	III
Hazard No.:	30
UN no.:	1993
Proper Shipping Name.....:	Flammable liquid, n.o.s.
Technical name.....:	(Contains propylacetate and di-n-butyltin-di-2-ethylhexanoate)

Railway RID:

Valuation.....:	Hazardous product
Class.....:	3
Packaging Group.....:	III
UN no.:	1993

14.2 Inland navigation GGVBinsch/ADNR

14.3 Transport by sea GGVSee/IMDG-Code

Valuation.....:	Hazardous product
Class.....:	3
Packaging Group.....:	III
UN no.:	1993
Proper Shipping Name.....:	Flammable liquid, n.o.s.
Technical name.....:	(Contains propylacetate and di-n-butyltin-di-2-ethylhexanoate)
Marine Pollutant.....:	yes

14.4 Air transport ICAO-TI/IATA-DGR

Valuation.....:	Hazardous product
Class.....:	3
Packaging Group.....:	III
UN no.:	1993
Proper Shipping Name.....:	Flammable liquid, n.o.s.
Technical name.....:	(Contains propylacetate and propanol)

14.5 Transport/further information

Postal and courier service:

Australian postal dispatch.....:	Not allowed
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15 Regulatory information

15.0 Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP) Australia

This is an S7 Scheduled Poison : YES

15.1 Warning Label (EU)



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S-Phrase	Description
S2	Keep out of the reach of children.
S35	This material and its container must be disposed of in a safe way.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.

15.2 National regulations:

SI 2002/1689: CHIP Regulations 2002
SI 2002/2677: COSHH Regulations 2002
SI 1999/3242: Management of Health & Safety at Work Regulations 1999
Health & Safety at Work Act 1974
SI 1993/1643: Environmental Protection Act 1993 & Subsidiary Regulations.
Other national and local measures relating to the workplace, pollution control, environmental protection and waste control.

16 Other information

16.1 Material

The above information describes exclusively the safety requirements of the product(s) and is based on our present-day knowledge. It does not represent a guarantee for the properties of the product(s) described in terms of the legal warranty regulations. Properties of the product are to be found in the respective product leaflet.

16.2 Further information:

Commas appearing in numerical data denote a decimal point. Vertical lines in the left-hand margin indicate changes compared with the previous version.

n.a. = not applicable n.s. = not subject to