

# Material Safety Data Sheet



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## Hazardous Substance, NON-Dangerous Goods

### 1. MATERIAL AND SUPPLY COMPANY IDENTIFICATION

**Product name:** **Bostik Super Glue**

**Synonyms:**

Bostik Super Glue, 3 mL X 2 Blister  
Bostik Super Glue, 3 mL X 6 units

**Mancode**

338362  
298042

**Recommended use:** A general purpose one-part fast-setting adhesive.

**Supplier:** Bostik Australia Pty Ltd  
**ABN:** 79 003 893 838  
**Street Address:** 51-71 High Street  
Thomastown VIC 3074  
Australia  
**Telephone:** +613 9279-9333  
**Facsimile:** +613 9279-9342  
**Website:** [www.bostik.com.au](http://www.bostik.com.au)

Bostik New Zealand Limited  
19 Eastern Hutt Road  
Wingate Lower Hutt  
New Zealand  
+644 567-5119  
+644 567-5412  
[www.bostik.co.nz](http://www.bostik.co.nz)

**Emergency telephone number:** Australia – 1800 033 111 New Zealand – 0800 243 622

### 2. HAZARDS IDENTIFICATION

#### AUSTRALIA CLASSIFICATION

This material is hazardous according to health criteria of Safe Work Australia.

**Hazard Category:**

Xi Irritant

**Risk Phrase(s):**

R36/37/38: Irritating to eyes, respiratory system and skin.

**Safety Phrase(s):**

S23: Do not breathe vapour.  
S24/25: Avoid contact with skin and eyes.  
S36/37/39: Wear suitable protective clothing, gloves and eye/face protection.  
S38: In case of insufficient ventilation, wear suitable respiratory equipment.

**Poisons Schedule (Aust):** S5

#### NEW ZEALAND CLASSIFICATION

This material is hazardous according to health criteria of ERMA New Zealand

**HSNO Hazard Classification**

6.3A Substances that are irritating to the skin  
6.4A Substances that are irritating to the eye  
6.9 Respiratory tract irritant

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## Hazard Statement:

H315 Causes skin irritation.  
H319 Causes serious eye irritation.  
H335 May cause respiratory irritation.

## Prevention Statement:

P261 Avoid breathing vapour  
P264 Wash hands, face and all exposed skin thoroughly after handling.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective goggles and gloves

## DANGEROUS GOODS CLASSIFICATION

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

Classified as a C1 (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.

## 3. COMPOSITION INFORMATION

CHEMICAL ENTITY	CAS NO.	PROPORTION
Ethyl cyanoacrylate	7085-85-0	>60%
Ingredients determined to be non-hazardous	-	Balance
		100%

## 4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126, New Zealand 0800 764 766).

**Inhalation:** Remove victim from 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 breathing laboured and patient cyanotic (blue), ensure airways are clear and have qualified person give oxygen through a facemask. If breathing has stopped apply artificial respiration at once. In the event of cardiac arrest, apply external cardiac massage. Seek immediate medical advice.

**Skin contact:** Do not use force to remove cured material from skin, or to pull apart skin-to-skin adhesion as tissue tearing can occur. Adhesive may be softened with acetone for emergency separation. Do not use solvents on sensitive skin or near open wound. Will peel off in a few days and can be hastened by soaking in warm water.

**Eye contact:** Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids to be held open. Remove clothing if contaminated and wash contaminated skin. Seek immediate medical assistance.

**Ingestion:** Cured material is considered non-hazardous. Seek medical and/or dental attention for removal of material bonded in mouth.

**Notes to physician:** Treat symptomatically.

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## 5. FIRE-FIGHTING MEASURES

**Specific hazards:** Combustible liquid.

**Fire fighting further advice:** On burning may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

**Hazchem Code:** Not applicable.

**Suitable extinguishing media:** If material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

## 6. ACCIDENTAL RELEASE MEASURES

### SMALL SPILLS

Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Use water to set residual glue. Cured material may be removed with acetone containing 5-10% water.

### LARGE SPILLS

Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. Contain - prevent run off into drains and waterways. Add water to complete polymerisation. Scrap solid from surface and seal in properly labelled containers or drums for disposal. Residual may be removed by abrasion.

**Dangerous Goods – Initial Emergency Response Guide No:** Not applicable.

## 7. HANDLING AND STORAGE

**Handling:** Avoid skin and eye contact and inhalation of vapour, mist or aerosols.

**Storage:** Store in a cool, dry, well-ventilated place and out of direct sunlight. Store away from incompatible materials described in Section 10. Store away from sources of heat or ignition. Keep containers closed when not in use - check regularly for leaks.

Classified as a C1 (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 S5 and must be stored, maintained and used in accordance with the relevant regulations.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### National occupational exposure limits:

No value assigned for this specific material by Safe Work Australia or Department of Labour New Zealand.

**Biological Limit Values:** As per the "National Model Regulations for the Control of Workplace Hazardous Substances (Safe Work Australia)" the ingredients in this material do not have a Biological Limit Allocated.

**Engineering measures:** Use only in well ventilated areas. Keep containers closed when not in use.

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**Personal protection equipment:** OVERALLS, SAFETY SHOES, SAFETY GLASSES, GLOVES.

Wear overalls, safety glasses and impervious gloves. Available information suggests that gloves made from nitrile rubber should be suitable for intermittent contact. However, due to variations in glove construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using. If risk of inhalation exists, wear organic vapour/particulate respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Form / Colour / Odour:** Colourless liquid with characteristic odour.

<b>Solubility:</b>	Insoluble in water. Cured material is soluble in acetone.
<b>Specific Gravity (20 °C):</b>	1.06
<b>Relative Vapour Density (air=1):</b>	N Av
<b>Vapour Pressure (20 °C):</b>	N Av
<b>Flash Point (°C):</b>	85
<b>Flammability Limits (%):</b>	N Av
<b>Autoignition Temperature (°C):</b>	490
<b>Melting Point/Range (°C):</b>	N Av
<b>Boiling Point/Range (°C):</b>	185
<b>pH:</b>	N App
<b>Viscosity:</b>	80-120 cps
<b>Total VOC (g/Litre):</b>	N Av

(Typical values only - consult specification sheet)

N Av = Not available

N App = Not applicable

## 10. STABILITY AND REACTIVITY

**Chemical stability:** This material is thermally stable when stored and used as directed.

**Conditions to avoid:** Contact with sources of ignition and water.

**Incompatible Materials:** Oxidising agents, alkalis, water, alcohols and atmospheric moisture.

**Hazardous decomposition products:** Oxides of carbon and nitrogen, hydrogen cyanide smoke and other toxic fumes.

**Hazardous reactions:** Moisture initiates polymerisation. Solidifies instantly in contact with water.

## 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:

### Acute Effects

**Inhalation:** Material is irritant to mucous membranes and respiratory tract.

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**Skin contact:** Contact with skin will result in irritation.

**Eye contact:** An eye irritant.

**Ingestion:** Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.

**Long Term Effects:** No information available for product.

## **Acute toxicity / Chronic toxicity**

No LD50 data available for the product. However, for the constituent:

Cyanoacrylates

Oral LD50 (rat): >5,000 mg/kg

Dermal LD50 (rabbit): >2,000 mg/kg

## **12. ECOLOGICAL INFORMATION**

Avoid contaminating waterways.

**Ecotoxicity:** No information available.

**Persistence and degradability:** No information available.

**Mobility:** No information available.

## **13. DISPOSAL CONSIDERATIONS**

Refer to State/Territory Land Waste Management Authority.

## **14. TRANSPORT INFORMATION**

### **ROAD AND RAIL TRANSPORT**

Not classified as Dangerous Goods by the criteria of the "Australian Code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport of Dangerous Goods on Land".

### **MARINE TRANSPORT**

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

### **AIR TRANSPORT**

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

## **15. REGULATORY INFORMATION**

**Poisons Schedule (Aust):** S5

All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

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## 16. OTHER INFORMATION

### Literary reference

This Material Safety Data Sheet has been prepared by Chemical Data Services Pty Ltd ([chemdata.com.au](http://chemdata.com.au)) on behalf of its client.

Reason(s) For Issue: 5 Yearly Revision

Material Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Bostik Australia 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 of how the user intends to handle and use 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 this company.

Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.