

**BOSTIK FIX AND GLUE GEL**  
Revision Number 2.01

Revision date 03-Jun-2020  
Supersedes Date: 14-May-2020

## Section 1: Identification: Product identifier and chemical identity

### Product identifier

**Product Name** BOSTIK FIX AND GLUE GEL

**Product Code(s)**

30614473  
30614473; 30614474; 30614811; 30614943; 30614944

### Other means of identification

**Proper Shipping Name** Aviation regulated liquid, n.o.s. (2-Propenoic acid, 2-cyano-, 2-methoxyethyl ester)

**UN Number** UN3334

**Pure substance/mixture** Mixture

### Recommended use of the chemical and restrictions on use

**Recommended use** This product is a cyanoacrylate-based adhesive

### Uses advised against

### Details of manufacturer or importer

**Supplier**

Bostik Australia Pty Ltd  
51-71 High Street,  
Thomastown Victoria  
Australia  
Tel: 613 9279-9333  
Fax: 613 9279-9342

**Manufacturer**

Bostik SA  
420 rue d'Estienne d'Orves  
92700 Colombes  
FRANCE  
Tel: +33 (0)1 49 00 90 00

**ABN:** 79 003 893 838

**E-mail address** au-bostik-sds@bostik.com

### Emergency telephone number

Emergency telephone number 24-hr Emergency: 1800 033 111

## Section 2: Hazard(s) identification

### GHS Classification

Based on available information, this material is classified as hazardous according to criteria of Safe Work Australia

<b>Flammable liquids</b>	Category 4 - (H227)
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### Label elements

**Signal word**

Warning

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## Hazard statements

H227 - Combustible liquid

## Precautionary Statements - Prevention

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking

P280 - Wear protective gloves/protective clothing/eye protection/face protection

P370 + P378 - In case of fire: Use CO<sub>2</sub>, dry chemical, or foam to extinguish

## Precautionary Statements - Storage

P403 + P235 - Store in a well-ventilated place. Keep cool

## Precautionary Statements - Disposal

P501 - Dispose of contents/ container to an approved waste disposal plant

## Other hazards which do not result in classification

Harmful to aquatic life

Will bond to skin

Polymerizes with evolution of heat

## Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)

Not a Scheduled Poison when labelled as shown

**Poison Schedule Number** Not applicable

## Label requirements in accordance with SUSMP

KEEP OUT OF REACH OF CHILDREN

Avoid contact with skin, eyes and inhalation of vapors

Bonds on contact

Should fingers stick together apply a solvent such as acetone to contact areas then wash off with water

Do not use solvents near eyes or open wounds

In case of eye contact immediately flush with water

## Section 3: Composition and information on ingredients, in accordance with Schedule 8

### Substance

Not applicable

### Mixture

Chemical name	CAS No.	Weight-%
6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1	< 1%
1,4-Benzenediol	123-31-9	< 1%
Non-hazardous ingredients	Proprietary	Balance

## Section 4: First aid measures

**Emergency telephone number** Poisons Information Center, Australia: 13 11 26  
Poisons Information Center, New Zealand: 0800 764 766

### FIRST AID

**General advice** Show this safety data sheet to the doctor in attendance. If irritation persists or eye and/or skin remains bonded: Get medical advice/attention.

**Inhalation** Remove to fresh air.

**Eye contact** Do not rub affected area. If eyelids are bonded closed or if skin to skin or skin to clothing bonding has occurred, release bonding by covering affected area with a pad wetted with warm water. Do not force eyes or any bonded skin apart. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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<b>Skin contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. If eyelids are bonded closed or if skin to skin or skin to clothing bonding has occurred, release bonding by covering affected area with a pad wetted with warm water. Do not force eyes or any bonded skin apart. If irritation persists or eye and/or skin remains bonded: Get medical advice/attention. Allow acetone or warm water to penetrate the bond and gently attempt to move bonded areas without pulling the skin away from bonded area. Do not remove clothing if adhering to skin. Polymerizes with evolution of heat.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water.
<b>Self-protection of the first aider</b>	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Wear personal protective clothing (see section 8).

## **Most important symptoms and effects, both acute and delayed**

**Symptoms** No information available.

## **Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

## **Section 5: Firefighting measures**

### **Suitable extinguishing media**

**Suitable extinguishing media** Dry chemical. Carbon dioxide (CO<sub>2</sub>). Water spray. Alcohol resistant foam.

**Unsuitable extinguishing media** No information available.

### **Specific hazards arising from the chemical**

**Specific hazards arising from the chemical** Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Bonds skin and eyes in seconds.

**Hazardous combustion products** Carbon oxides. Nitrogen oxides (NO<sub>x</sub>).

### **Special protective actions for fire-fighters**

**Special protective equipment for fire-fighters** Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

**Hazchem code** 2Z

## **Section 6: Accidental release measures**

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

**Personal precautions** Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Take precautionary measures against static discharges. Do not touch or walk through spilled material. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation.

**For emergency responders** Use personal protection recommended in Section 8.

### **Environmental precautions**

**Environmental precautions** Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or

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spillage if safe to do so.

## **Methods and material for containment and cleaning up**

**Methods for containment** Do not use cloths for mopping up. Flood with water to complete polymerization and scrape off floor.

**Methods for cleaning up** Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

## **Precautions to prevent secondary hazards**

**Prevention of secondary hazards** Clean contaminated objects and areas thoroughly observing environmental regulations.

## **Section 7: Handling and storage, including how the chemical may be safely used**

### **Precautions for safe handling**

**Advice on safe handling** Use personal protection equipment. Do not breathe vapor or mist. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharges. Use with local exhaust ventilation. Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. See section 8 for more information.

**General hygiene considerations** Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product.

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

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Keep in properly labeled containers. Store in accordance with the particular national regulations. Store in accordance with local regulations.

**Incompatible materials** Alcohols. Alkali. Amines. Water.

**Other information** Observe technical data sheet.

## **Section 8: Exposure controls and personal protection**

### **Control parameters**

#### **Exposure Limits**

Chemical name	Australia
1,4-Benzenediol 123-31-9	2 mg/m <sup>3</sup> TWA

### **Appropriate engineering controls**

**Engineering controls** Showers  
Eyewash stations  
Ventilation systems.

### **Individual protection measures, such as personal protective equipment**

**Eye/face protection** Tight sealing safety goggles.

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<b>Skin and body protection</b>	Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron.
<b>Hand protection</b>	Wear suitable gloves.
<b>Respiratory protection</b>	No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
<b>Environmental exposure controls</b>	No information available.

## Section 9: Physical and chemical properties

### Information on basic physical and chemical properties

<b>Physical state</b>	Liquid
<b>Appearance</b>	Liquid
<b>Color</b>	Colorless
<b>Odor</b>	Odorless
<b>Odor threshold</b>	Not applicable

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No data available	No data available
Melting point / freezing point	No data available	
Boiling point / boiling range	130 °C	
Flash point	85 °C	
Evaporation rate	No data available	
Flammability (solid, gas)	Not applicable for liquids	
Flammability Limit in Air		
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapor pressure	No data available	
Vapor density	No data available	
Relative density	No data available	
Water solubility	Reacts with water	Polymerization can occur
Solubility(ies)	No data available	
Partition coefficient	No data available	
Autoignition temperature	110 °C	
Hyphen	No data available	
Kinematic viscosity	No data available	
Dynamic viscosity	No data available	
Explosive properties	No information available	
Oxidizing properties	No information available	
<u>Other information</u>		
Solid content (%)	No information available	
VOC Content (%)	13 g/L / 3 %	
Density	No information available	

## Section 10: Stability and reactivity

### Reactivity

**Reactivity** No information available.

### Chemical stability

**Stability** Stable under normal conditions.

### Explosion Data

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Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

## Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

Hazardous polymerization Polymerization can occur.

## Conditions to avoid

Conditions to avoid Protect from moisture.

## Incompatible materials

Incompatible materials Alcohols. Alkali. Amines. Water.

## Hazardous decomposition products

Hazardous decomposition products None known based on information supplied.

## Section 11: Toxicological information

### Acute Toxicity

#### Information on likely routes of exposure

#### Product Information

Inhalation Specific test data for the substance or mixture is not available.

Eye contact Bonds skin and eyes in seconds.

Skin contact Bonds skin and eyes in seconds.

Ingestion Specific test data for the substance or mixture is not available.

Symptoms No information available.

#### Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document mg/kg ppm mg/l

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
6,6'-di-tert-butyl-2,2'-methylene di-p-cresol	>10000 mg/kg (Rattus)	> 10000 mg/kg (Oryctolagus cuniculus)	-
1,4-Benzenediol	=298 mg/kg (Rattus)	= 74800 mg/kg (Oryctolagus cuniculus)	-

See section 16 for terms and abbreviations

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Skin corrosion/irritation No information available.

Serious eye damage/eye irritation No information available.

Respiratory or skin sensitization No information available.

Germ cell mutagenicity No information available.

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## Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical name	Australia
1,4-Benzenediol 123-31-9	Carc. 2

**Reproductive toxicity** No information available.

**STOT - single exposure** No information available.

**STOT - repeated exposure** No information available.

**Aspiration hazard** No information available.

## Section 12: Ecological information

### Ecotoxicity

#### Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to Microorganisms	Crustacea
6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol 119-47-1	-	LD50 (96h) >5mg/L	-	-
1,4-Benzenediol 123-31-9	EC50: =0.335mg/L (72h, Pseudokirchneriella subcapitata) EC50: =13.5mg/L (120h, Desmodesmus subspicatus)	LC50 96 h = 0.044 mg/L (Oncorhynchus mykiss flow-through)	EC50 = 0.038 mg/L 15 min EC50 = 0.0382 mg/L 30 min EC50 = 0.042 mg/L 5 min EC50 = 23.75 mg/L 60 min	EC50: =0.29mg/L (48h, Daphnia magna)

### Persistence and degradability

**Persistence and degradability** No information available.

#### Component Information

6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol (119-47-1)

Method	Exposure time	Value	Results
OECD Test No. 301C: Ready Biodegradability: Modified MITI Test (I) (TG 301 C)	28 days		0 % Not readily biodegradable

### Bioaccumulative potential

**Bioaccumulation** There is no data for this product.

#### Component Information

Chemical name	Partition coefficient
6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol 119-47-1	>3.6
1,4-Benzenediol	0.5

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123-31-9

## Mobility

**Mobility in soil** No information available.

**Mobility** No information available.

## Other Adverse Effects

**Other adverse effects** No information available.

## **Section 13: Disposal considerations**

### Waste treatment methods

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

## **Section 14: Transport information**

### ADG

**UN Number** UN3334  
**Proper shipping name** Aviation regulated liquid, n.o.s.  
**Hazard Class** 9  
**Special Provisions** 106, 274, 276  
**ADG Limited Quantity** 0  
**Description** UN3334, Aviation regulated liquid, n.o.s. (2-Propenoic acid, 2-cyano-, 2-methoxyethyl ester), 9

**Hazchem code** 2Z

### IATA

**UN number** UN3334  
**Transport hazard class(es)** 9  
**Packing group** III  
**ERG Code** 9A  
**Special Provisions** A27  
**Limited Quantity (LQ)** 30 kg G  
**Description** UN3334, Aviation regulated liquid, n.o.s. (2-Propenoic acid, 2-cyano-, 2-methoxyethyl ester), 9, III

### IMDG

**UN number** UN3334  
**Transport hazard class(es)** 9  
**Special Provisions** 960  
**Marine pollutant** Np  
**Description** UN3334, Aviation regulated liquid, n.o.s., 9

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**  
No information available

## **Section 15: Regulatory information**

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

#### National Regulations



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## Australia

See section 8 for national exposure control parameters

## **Standard for Uniform Scheduling of Medicines and Poisons (SUSMP)**

Not a Scheduled Poison when labelled as shown

**Poison Schedule Number** Not applicable

## **National pollutant inventory**

Subject to reporting requirement

Chemical name	National pollutant inventory
1,4-Benzenediol 123-31-9	20 MW Threshold category 2b total 60000 MWH Threshold category 2b total 1 tonne/h Threshold category 2a total 25 tonne/yr Threshold category 1a total 400 tonne/yr Threshold category 2a total 2000 tonne/yr Threshold category 2b total

## International Inventories

**AICS** Not Listed Note : *Product is covered by a NICNAS exemption.*  
**NZIoC** Not Listed  
**ENCS** Not Listed  
**IECSC** Not Listed  
**KECL** Not Listed  
**PICCS** Not Listed

### Legend:

**AICS** - Australian Inventory of Chemical Substances  
**NZIoC** - New Zealand Inventory of Chemicals  
**ENCS** - Japan Existing and New Chemical Substances  
**IECSC** - China Inventory of Existing Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

## International Regulations

**The Montreal Protocol on Substances that Deplete the Ozone Layer** Not applicable

**The Stockholm Convention on Persistent Organic Pollutants** Not applicable

**The Rotterdam Convention** Not applicable

## **Section 16: Any other relevant information**

**Prepared By** Product Safety & Regulatory Affairs

**Revision date** 03-Jun-2020

### **Revision note**

The symbol (\*) in the margin of this SDS indicates that this line has been revised.

## **Key or legend to abbreviations and acronyms used in the safety data sheet**

### **Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation
C	Carcinogen		

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## **Section 11: TOXICOLOGICAL INFORMATION**

LD50 (lethal dose)

## **Section 12: Ecological information**

EC50 (effective concentration)

### **Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of Safety Data Sheet**