

BOSTIK SUPER GLUE LIQUID
Revision Number 1

Revision date 08-Jun-2020
Supersedes Date: 08-Jun-2020

Section 1: Identification: Product identifier and chemical identity

Product identifier

Product Name BOSTIK SUPER GLUE LIQUID

Product Code(s)

30617845
30617845

Other means of identification

Proper Shipping Name Aviation regulated liquid, n.o.s.

UN Number UN3334

Pure substance/mixture Mixture

Recommended use of the chemical and restrictions on use

Recommended use Adhesive This product is a cyanoacrylate-based adhesive

Uses advised against No information available

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

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

Flammable liquids	Category 4 - (H227)
Skin corrosion/irritation	Category 2 - (H315)
Serious eye damage/eye irritation	Category 2A - (H319)
Specific target organ toxicity (single exposure)	Category 3 - (H335)

Label elements

SAFETY DATA SHEET

BOSTIK SUPER GLUE LIQUID
Revision Number 1

Revision date 08-Jun-2020
Supersedes Date: 08-Jun-2020

Signal word

Warning

Hazard statements

H227 - Combustible liquid
H315 - Causes skin irritation
H319 - Causes serious eye irritation
H335 - May cause respiratory irritation

Precautionary Statements - Prevention

P264 - Wash face, hands and any exposed skin thoroughly after handling
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
P271 - Use only outdoors or in a well-ventilated area
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P235 - Keep cool
P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
P337 + P313 - If eye irritation persists: Get medical advice/attention
P302 + P352 - IF ON SKIN: Wash with plenty of soap and water
P332 + P313 - If skin irritation occurs: Get medical advice/attention
P362 - Take off contaminated clothing and wash before reuse
P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P312 - Call a POISON CENTER or doctor/physician if you feel unwell
P370 + P378 - In case of fire: Use CO₂, dry chemical, or foam to extinguish

Precautionary Statements - Storage

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

Precautionary Statements - Disposal

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

Other hazards which do not result in classification

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-%
ethyl-2-cyanoacrylate	7085-85-0	>60
1,4-Benzenediol	123-31-9	0 - <10

SAFETY DATA SHEET

BOSTIK SUPER GLUE LIQUID
Revision Number 1

Revision date 08-Jun-2020
Supersedes Date: 08-Jun-2020

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

Description of first aid measures

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. Get medical attention immediately if symptoms occur.

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. Consult an ophthalmologist. Get medical attention if irritation develops and persists.

Skin contact 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.

Ingestion Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Clean mouth with water. Drink 1 or 2 glasses of water. Call a physician or poison control center immediately.

Self-protection of the first aider 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). Avoid contact with skin, eyes or clothing.

Most important symptoms and effects, both acute and delayed

Symptoms Burning sensation.

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 (CO₂). 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.

SAFETY DATA SHEET

BOSTIK SUPER GLUE LIQUID
Revision Number 1

Revision date 08-Jun-2020
Supersedes Date: 08-Jun-2020

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. Ensure adequate ventilation. Avoid contact with skin, eyes or clothing.

Other information Refer to protective measures listed in Sections 7 and 8.

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 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. In case of insufficient ventilation, wear suitable respiratory equipment.

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. Wear suitable gloves and eye/face protection. Avoid contact with skin, eyes or clothing.

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.

SAFETY DATA SHEET

BOSTIK SUPER GLUE LIQUID
Revision Number 1

Revision date 08-Jun-2020
Supersedes Date: 08-Jun-2020

Incompatible materials Alcohols. Alkali. Amines. Water.

Section 8: Exposure controls and personal protection

Control parameters

Exposure Limits

Chemical name	Australia
1,4-Benzenediol 123-31-9	2 mg/m ³ 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.
Skin and body protection Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron.
Hand protection Wear suitable gloves. Impervious gloves.
Respiratory protection No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.
Environmental exposure controls No information available.

Section 9: Physical and chemical properties

Information on basic physical and chemical properties

Physical state Liquid
Appearance Viscous
Color Colorless to yellow
Odor Characteristic Irritating
Odor threshold No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	No data available	
Melting point / freezing point	No data available	
Boiling point / boiling range	> 200 °C	
Flash point	80 - 93 °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	<70	kPa
Vapor density	No data available	
Relative density	1.10	@ 25 °C
Water solubility	Reacts with water	Polymerization can occur
Solubility(ies)	acetone	
Partition coefficient	No data available	
Autoignition temperature	485 °C	

SAFETY DATA SHEET

BOSTIK SUPER GLUE LIQUID
Revision Number 1

Revision date 08-Jun-2020
Supersedes Date: 08-Jun-2020

Hyphen	No data available
Kinematic viscosity	No data available
Dynamic viscosity	80 - 150 Pa.s
Explosive properties	No information available
Oxidizing properties	No information available

Other information

Solid content (%)	No information available
VOC Content (%)	< 20 g/L
Liquid Density	1.1 g/cm ³

Section 10: Stability and reactivity

Reactivity

Reactivity No information available.

Chemical stability

Stability Stable under normal conditions.

Explosion data

Sensitivity to mechanical impact None.

Sensitivity to static discharge None.

Possibility of hazardous reactions

Possibility of hazardous reactions None under normal processing.

Conditions to avoid

Conditions to avoid Protect from moisture.

Incompatible materials

Incompatible materials Alcohols. Alkali. Amines. Water.

Hazardous decomposition products

Hazardous decomposition products None under normal use conditions.

Section 11: Toxicological information

Acute Toxicity

Information on likely routes of exposure

Product Information

Inhalation May cause irritation of respiratory tract. Specific test data for the substance or mixture is not available.

Eye contact Bonds skin and eyes in seconds. Irritating to eyes. Causes serious eye irritation.

Skin contact Bonds skin and eyes in seconds. Causes skin irritation.

Ingestion Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

SAFETY DATA SHEET

BOSTIK SUPER GLUE LIQUID
Revision Number 1

Revision date 08-Jun-2020
Supersedes Date: 08-Jun-2020

Symptoms Redness. May cause redness and tearing of the eyes.

Numerical measures of toxicity - Product Information

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
ethyl-2-cyanoacrylate	>5000 mg/kg (Rattus) OECD 401	>2000 mg/Kg (Oryctolagus cuniculus) OECD 402	<21.1 mg/L (Rattus) 1 h
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 Classification based on data available for ingredients. Causes skin irritation.

Serious eye damage/eye irritation Causes serious eye irritation.

Respiratory or skin sensitization No information available.

Germ cell mutagenicity No information available.

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 May cause respiratory irritation.

STOT - repeated exposure No information available.

Aspiration hazard Not applicable.

Section 12: Ecological information

Ecotoxicity

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
ethyl-2-cyanoacrylate 7085-85-0	polymerizes	polymerizes	-	-
1,4-Benzenediol 123-31-9	EC50: =0.335mg/L (72h, Pseudokirchneriella subcapitata) EC50: =13.5mg/L (120h, Desmodosmus 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)

SAFETY DATA SHEET

BOSTIK SUPER GLUE LIQUID
Revision Number 1

Revision date 08-Jun-2020
Supersedes Date: 08-Jun-2020

Persistence and degradability

Persistence and degradability No information available.

Bioaccumulative potential

Bioaccumulation There is no data for this product.

Component Information

Chemical name	Partition coefficient
1,4-Benzenediol 123-31-9	0.5

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., 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., 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

SAFETY DATA SHEET

BOSTIK SUPER GLUE LIQUID
Revision Number 1

Revision date 08-Jun-2020
Supersedes Date: 08-Jun-2020

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

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	Listed
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

SAFETY DATA SHEET

BOSTIK SUPER GLUE LIQUID
Revision Number 1

Revision date 08-Jun-2020
Supersedes Date: 08-Jun-2020

Revision date 08-Jun-2020

Revision note
First time release.

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		

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