



SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of:
GHS: The Globally Harmonized System of Classification and Labeling of Chemicals

B/SUPER GLUE LIQ 3X0.8GM
Revision Number 1

Revision date 02-Mar-2023
Supersedes Date: 16-Apr-2023

1. Identification

Product identifier

Product Name B/SUPER GLUE LIQ 3X0.8GM
Pure substance/mixture Mixture

Details of the supplier of the safety data sheet

Responsible Party

Bostik (Shanghai) Management Co., Ltd
Building 1, No.968 Guanghai Road, Minhang District
Shanghai, China
Tel: 021-60763101
Fax: 021-60763133

See section 16 for more information.

E-mail address SDS.AP@Bostik.com

Emergency telephone number

Emergency Telephone CHEMTREC (Chemical Transportation Emergency Center)
Chemtrec (India) : 000-800-100-7141
Chemtrec (Indonesia) : 001-803-017-9114
Chemtrec (Malaysia) : Local 60-392125794 , Toll-free 1-800-815-308
Chemtrec (Philippines) : Local +63 2 8395 3308, Toll-free 1-800-1-116-1020
Chemtrec (Thailand) : 001-800-13-203-9987
Chemtrec: 1-800-424-9300 (US) , 1-703-527-3887 (Outside U.S.)

Recommended use of the chemical and restrictions on use

Recommended use No information available
Restrictions on use No information available

2. Hazard(s) identification

Classification of the substance or mixture

Flammable liquids	Category 4
Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Specific target organ toxicity - Single exposure	Category 3
Hazardous to the Aquatic Environment - Acute Hazard	Category 3

Label elements



Signal word Warning

Hazard statements

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

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H402 - Harmful to aquatic life
H227 - Combustible liquid

Precautionary statements

Prevention

P264 - Wash face, hands and any exposed skin thoroughly after handling
P261 - Avoid breathing dust/fume/gas/mist/vapors/spray
P271 - Use only outdoors or in a well-ventilated area
P273 - Avoid release to the environment
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking
P235 - Keep cool
P280 - Wear protective gloves/protective clothing/eye protection/face protection
P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing
P312 - Call a POISON CENTER or doctor if you feel unwell
P302 + P352 - IF ON SKIN: Wash with plenty of water and soap
P332 + P313 - If skin irritation occurs: Get medical advice/attention
P362 + P364 - Take off contaminated clothing and wash it before reuse
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
P370 + P378 - In case of fire: Use dry sand, dry chemical or alcohol-resistant foam to extinguish

Storage

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

Disposal

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

Other hazards

No information available.

3. Composition/information on ingredients

Substance

Not applicable.

Mixture

Chemical name	CAS No	Weight-%
ethyl-2-cyanoacrylate	7085-85-0	80 - 100
Hydroquinone	123-31-9	0 - <0.1

*** Any remaining ingredients are not hazardous

4. First-aid measures

Description of necessary first aid measures

General advice	Show this safety data sheet to the doctor in attendance. If medical advice is needed, have product container or label at hand.
Inhalation	Remove to fresh air. If symptoms persist, call a physician.
Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Skin contact	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Get medical attention if irritation develops and persists.
Ingestion	Call a physician immediately. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Small amounts of toxic methanol are released by

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hydrolysis.

**Most important symptoms/effects,
acute and delayed
Symptoms**

None known.

For emergency responders

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.

Note to physicians

Treat symptomatically. Small amounts of methanol (CAS 67-56-1) are formed by hydrolysis and released upon curing.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media

Water spray, carbon dioxide (CO₂), dry chemical, alcohol-resistant foam.

Unsuitable extinguishing media

Full water jet.

Specific hazards arising from the chemical

Thermal decomposition can lead to release of irritating gases and vapors.

Hazardous combustion products

Nitrogen oxides (NO_x).

Special protective actions for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions

Use personal protective equipment as required. Ensure adequate ventilation. Do not get in eyes, on skin, or on 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

Prevent product from entering drains. Do not allow to enter into soil/subsoil. See Section 12 for additional Ecological Information.

Methods and material for containment and cleaning up

Stop leak if you can do it without risk. Do not touch or walk through spilled material. Dike far ahead of liquid spill for later disposal.

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

Prevention of secondary hazards

Clean contaminated objects and areas thoroughly observing environmental regulations.

7. Handling and storage

Precautions for 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.

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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. Take off contaminated clothing and wash before reuse. In case of insufficient ventilation, wear suitable respiratory equipment.

Do not eat, drink or smoke when using this product. Wash hands before breaks and after work.
See Section 8 for information on appropriate personal protective equipment

Conditions for safe storage, including any incompatibilities

Protect from moisture. Keep away from food, drink and animal feeding stuffs.
Keep at temperatures between 50 and 95 °F / 10 and 35 °C.

Incompatible materials Strong acids. Strong bases. Strong oxidizing agents.

8. Exposure controls/personal protection

Occupational exposure limits

Chemical name	China	ACGIH TLV	India	Indonesia	Malaysia	Thailand	Vietnam
ethyl-2-cyanoacrylate - 7085-85-0	-	dermal sensitizer;resp iratory sensitizer STEL: 1 ppm TWA: 0.2 ppm	-	-	TWA: 0.2 ppm		-
Hydroquinone - 123-31-9	TWA: 1 mg/m ³ STEL: 2 mg/m ³	dermal sensitizer TWA: 1 mg/m ³	-	TWA: 1 mg/m ³	TWA: 2 mg/m ³	TWA: 2 mg/m ³	STEL: 1.5 mg/m ³ TWA: 0.5 mg/m ³

Note See section 16 for terms and abbreviations

Biological occupational exposure limits

No data available

Monitoring and observation processes

No applicable information was found.

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.

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.

General hygiene considerations

Do not eat, drink or smoke when using this product. Wash hands before breaks and after work.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance	Gel
Color	Colorless
Physical state	Liquid
Odor	Pungent
Odor threshold	No information available

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<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH	6-7	
pH (as aqueous solution)	No data available	
Melting point / freezing point	No data available	
Initial boiling point and boiling range	> 169 °C	
Flash point	> 103 °C	
Evaporation rate	No data available	
Flammability	No data available	
Flammability Limit in Air		
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapor pressure	0.0053	
Relative vapor density	No data available	
Relative density	No data available	
Water solubility	Reacts with water	
Solubility(ies)	No data available	
Partition coefficient	No data available	
Autoignition temperature	No data available	
Decomposition temperature	No data available	
Kinematic viscosity	No data available	
Dynamic viscosity	3cPs -90,000cPs	
<u>Additional information</u>		
Oxidizing properties	No information available	
Solid content (%)	No information available	
Liquid Density	No data available	

10. Stability and reactivity

<u>Reactivity</u>	Product cures with moisture.
<u>Stability</u>	Stable under normal conditions.
Sensitivity to mechanical impact	None.
Sensitivity to static discharge	Yes.
<u>Possibility of hazardous reactions</u>	None under normal processing.
<u>Conditions to avoid</u>	Protect from moisture. Exposure to air or moisture over prolonged periods. Do not freeze. Keep away from open flames, hot surfaces and sources of ignition.
<u>Incompatible materials</u>	Strong acids. Strong bases. Strong oxidizing agents.
<u>Hazardous decomposition products</u>	None known based on information supplied.

11. Toxicological information

Product Information

Inhalation	Specific test data for the substance or mixture is not available. May cause irritation of respiratory tract.
Eye contact	Specific test data for the substance or mixture is not available. Causes serious eye irritation. (based on components). May cause redness, itching, and pain.
Skin contact	Specific test data for the substance or mixture is not available. Causes skin irritation. (based on components).

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Ingestion Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

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

Acute toxicity

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

ATEmix (oral)	>5000 mg/kg
ATEmix (dermal)	>5000 mg/kg
ATEmix (inhalation-gas)	>20000 ppm
ATEmix (inhalation-dust/mist)	>5 mg/l
ATEmix (inhalation-vapor)	>20 mg/l

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
Hydroquinone	390 mg/kg (Rattus)	= 74800 mg/kg (Oryctolagus cuniculus)	-

Skin corrosion/irritation Classification based on data available for ingredients.

Serious eye damage/eye irritation Classification based on data available for ingredients. Causes serious eye irritation.

Respiratory or skin sensitization Based on available data, the classification criteria are not met.

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Component Information		
Hydroquinone (123-31-9)		
Method	Species	Results
OECD Test No. 476: In vitro Mammalian Cell Gene Mutation Test	Mouse	Mutagenic

Carcinogenicity

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

Chemical name	China	IARC
Hydroquinone	-	Group 3

Legend

IARC (International Agency for Research on Cancer)
Group 3 - Not Classifiable as to Carcinogenicity in Humans

Component Information		
Hydroquinone (123-31-9)		
Method	Species	Results
OECD Test No. 453: Combined Chronic Toxicity/Carcinogenicity Studies	Rat	Limited evidence of a carcinogenic effect

Reproductive toxicity Based on available data, the classification criteria are not met.

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Specific target organ toxicity (single exposure) May cause respiratory irritation.

Specific target organ toxicity (repeated exposure) Based on available data, the classification criteria are not met.

Aspiration hazard Based on available data, the classification criteria are not met.

12. Ecological information

Ecotoxicity Harmful to aquatic life.

Chemical name	Algae/aquatic plants	Fish	Crustacea
ethyl-2-cyanoacrylate	polymerizes	polymerizes	-
Hydroquinone	EC50: =0.335mg/L (72h, Pseudokirchneriella subcapitata)	LC50 96 h = 0.044 mg/L (Oncorhynchus mykiss flow-through)	EC50: =0.29mg/L (48h, Daphnia magna)

Persistence and degradability No information available.

Bioaccumulative potential There is no data for this product.

Component Information

Chemical name	Partition coefficient
Hydroquinone	0.59

Chemical name	PBT and vPvB assessment
ethyl-2-cyanoacrylate 7085-85-0	The substance is not PBT / vPvB PBT assessment does not apply
Hydroquinone 123-31-9	The substance is not PBT / vPvB PBT assessment does not apply

Mobility in soil No information available.

13. Disposal considerations

Waste chemicals
Waste from residues/unused products Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable.

Contaminated packaging Handle contaminated packages in the same way as the product itself.

14. Transport information

IMDG Not regulated

IATA Regulated
UN number or ID number UN3334
UN proper shipping name Aviation regulated liquid, n.o.s.
Description UN3334, Aviation regulated liquid, n.o.s. (ethyl-2-cyanoacrylate), 9, III
Transport hazard class(es) 9
Packing group III
Special Provisions A27

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Limited quantity (LQ) 30 kg G
ERG Code 9A

ADR Not regulated

Special precautions for user

Please refer to the applicable dangerous goods regulations for additional information

15. Regulatory information

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

National regulations

Malaysia

- Chemical classification, Labelling and Safety Data Sheets Regulation, 2013(CLASS)
- Industry Code Of Practice 2014 (ICOP)

Indonesia

- Regulation no. 87/M-IND/PER/9/2009 concerning Globally Harmonized System of Classification and Labelling of Chemicals, as amended by 23/M-IND/PER/4/2013

Singapore

- SS 586:2014

Vietnam

- Circular 04/2012/TT-BCT dated 13/02/2012

Philippines

- Rules and Procedures for the Safety Data Sheet (SDS), Labeling Requirements and Hazards classification under DENR Administrative Order No. 29, series of 1992 of Republic Act 6969

Chemical Control Order

Not applicable

Priority Chemical List (PCL)

Not applicable

Thailand

- Hazard Classification and Communication System of Hazardous Substance B.E. 2555 (2012)

The Hazardous Substance Act B.E. 2556 (2013)

Chemical name	Weight-%	The Hazardous Substance Act B.E. 2556 (2013)
Hydroquinone 123-31-9	0 - <0.1	3

International Regulations

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

The Stockholm Convention on Persistent Organic Pollutants Not applicable

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The Rotterdam Convention Not applicable

Europe

Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)

SVHC: Substances of Very High Concern for Authorization:

This product does not contain candidate substances of very high concern at a concentration $\geq 0.1\%$ (Regulation (EC) No. 1907/2006 (REACH), Article 59)

2015/863/EU - RoHS

This product does not contain Lead, Cadmium, Mercury, Hexavalent chromium, Polybrominated biphenyls (PBB), Polybrominated diphenyl ethers (PBDE), Bis(2-Ethylhexyl) phthalate (DEHP), Benzyl butyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) above the regulated limit mentioned in this regulation

16. Other information

Local Contacts

Bostik Findley (Malaysia) Sdn. Bhd Lot 112 & 113, Kawasan Perindustrian senawang, seremban, negeri sembilan, Malaysia Tel: 606-6789788 Fax: 606-6789766	Bostik Asia Pacific 1 Science Park Road, #04-01/05 West Wing, The Capricorn, Singapore Science Park II, Singapore 117528 Tel: +65-6419-9161 Fax: +65-6419-9150	Bostik (Thailand) Co.,Ltd. 1/32, 16A th Floor, Bangnathani Building, Soi Bangna-Trad 34, South Bangna, Bangna, Bangkok, Thailand Tel : 66 (0) 2361 6460-7 Fax : 66 (0) 2361 6469
Bostik Philippines, Inc. 35/F Raffles Corporate Center, F. Ortigas Jr. Road Ortigas Business Center, Pasig city, Philippines Tel: 632-900-5656 Fax: 632-900-5622	Bostik Indonesia Setiabudi Atrium Building, Level 2, Suite 203 A Jl. HR Rasuna Said Jakarta Indonesia 12920 Tel: 62 21 521 0404 Fax: 62 21 521 0554	Bostik Vietnam Company Limited 10 Doc Lap Avenue, VSIP 1. Thuan An District, BinhDuong Province. Viet Nam. Tel: 84 650 3765105 Fax: 84 650 3765109
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02-Mar-2023

Revision Note

***Indicates updated data since last publication.

Abbreviations and acronyms

Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

TWA	TWA (time-weighted average)
STEL	STEL (Short Term Exposure Limit)
Ceiling	Ceiling Limit Value
*	Skin designation
SVHC	Substance(s) of Very High Concern
PBT	Persistent, Bioaccumulative, and Toxic (PBT) Chemicals
vPvB	Very Persistent and very Bioaccumulative (vPvB) Chemicals
STOT RE	Specific target organ toxicity - Repeated exposure
STOT SE	Specific target organ toxicity - Single exposure

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Key literature references and sources for data used to compile the SDS

Agency for Toxic Substances and Disease Registry (ATSDR)
U.S. Environmental Protection Agency ChemView Database
European Food Safety Authority (EFSA)
EPA (Environmental Protection Agency)
Acute Exposure Guideline Level(s) (AEGL(s))
U.S. Environmental Protection Agency Federal Insecticide, Fungicide, and Rodenticide Act
U.S. Environmental Protection Agency High Production Volume Chemicals
Food Research Journal
Hazardous Substance Database
International Uniform Chemical Information Database (IUCLID)
Japan GHS Classification
Australia National Industrial Chemicals Notification and Assessment Scheme (NICNAS)
NIOSH (National Institute for Occupational Safety and Health)
National Library of Medicine's ChemID Plus (NLM CIP)
National Library of Medicine's PubMed database (NLM PUBMED)
National Toxicology Program (NTP)
New Zealand's Chemical Classification and Information Database (CCID)
Organization for Economic Co-operation and Development Environment, Health, and Safety Publications
Organization for Economic Co-operation and Development High Production Volume Chemicals Program
Organization for Economic Co-operation and Development Screening Information Data Set
RTECS (Registry of Toxic Effects of Chemical Substances)
World Health Organization

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