



# SAFETY DATA SHEET

This safety data sheet was created pursuant to the requirements of: Regulation of Hazardous Chemical Agents (HCA)

Revision date 13-Dec-2024

Revision Number 1

## SECTION 1: Identification of the substance/mixture and of the company/undertaking

### Product identifier

Product Name BOSTIK BLITS STIK SUPER GLUE

### Other means of identification

Synonyms None

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

Recommended use Consumer use. This product is a cyanoacrylate-based adhesive.

Restrictions on use No information available

### Supplier's details

#### Supplier

Bostik South Africa  
1 Beverley Close  
Montague Gardens  
Cape Town  
South Africa  
7441  
Tel: +27 21 555 7400

Non-Emergency Telephone Number +27 21 555 7400

E-mail address psra.za@bostik.com

### Emergency telephone number

Emergency Telephone Tel: +27 21 555 7400

Restrictions on emergency number 8am - 5pm (Monday - Friday)

## SECTION 2: Hazards identification

### Classification of the substance or mixture

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Specific target organ toxicity (single exposure)	Category 3
Category 3 Target organ effects: Respiratory irritation.	

### GHS Label elements, including precautionary statements



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**Signal word** Warning

## Hazard statements

Causes skin irritation.  
Causes serious eye irritation.  
May cause respiratory irritation.

## Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling.  
Avoid breathing dust/fume/gas/mist/vapours/spray.  
Use only outdoors or in a well-ventilated area.  
Wear protective gloves/clothing and eye/face protection.

## Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
Call a POISON CENTRE or doctor if you feel unwell.

## Skin

IF ON SKIN: Wash with plenty of water and soap.  
If skin irritation occurs: Get medical advice/attention.  
Take off all contaminated clothing and wash it before reuse.

## Eyes

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
If eye irritation persists: Get medical advice/attention.

## Precautionary Statements - Storage

Store in a well-ventilated place. Keep container tightly closed.  
Store locked up.

## Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant.

## Other hazards which do not result in classification

Combustible liquid. Polymerises with evolution of heat. Bonds skin and eyes in seconds.

## SECTION 3: Composition/information on ingredients

### Substance

Not applicable

### Mixture

Chemical name	CAS No.	Weight-%
ethyl-2-cyanoacrylate	7085-85-0	70 - <90

## SECTION 4: First aid measures

### Description of necessary first aid measures

<b>General advice</b>	Show this safety data sheet to the doctor in attendance. If irritation persists or eye and/or skin remains bonded: Get medical advice/attention.
<b>Inhalation</b>	Remove to fresh air. IF exposed or concerned: Get medical advice/attention. Get medical attention immediately if symptoms occur.
<b>Skin contact</b>	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. Wash off immediately with soap and plenty of water for at least 15 minutes. 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. Polymerises with evolution of heat.

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<b>Eye contact</b>	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. If irritation persists or eye and/or skin remains bonded: Get medical advice/attention. Do not rub affected area. Get medical attention if irritation develops and persists.
<b>Ingestion</b>	Do NOT induce vomiting. Rinse mouth. Never give anything by mouth to an unconscious person. Call a doctor.
<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). Avoid contact with skin, eyes or clothing.

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

**Symptoms** May cause redness and tearing of the eyes. Burning sensation.

**Effects of Exposure** No information available.

## Indication of immediate medical attention and special treatment needed, if necessary

**Note to doctors** Treat symptomatically.

## **SECTION 5: Firefighting measures**

<b>Suitable Extinguishing Media</b>	Dry chemical. Carbon dioxide (CO <sub>2</sub> ). Water spray. Alcohol resistant foam.
<b>Unsuitable extinguishing media</b>	Do not scatter spilled material with high pressure water streams.
<b>Specific hazards arising from the chemical</b>	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.
<b>Hazardous combustion products</b>	Nitrogen oxides (NO <sub>x</sub> ). Carbon dioxide (CO <sub>2</sub> ). Carbon monoxide.
<b>Special protective actions for fire-fighters</b>	Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear.

## **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.

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

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

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

## SECTION 7: Handling and storage

### Precautions for safe handling

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Use personal protection equipment. Do not eat, drink or smoke when using this product. See section 8 for more information. Take off contaminated clothing and wash it before reuse. Ensure adequate ventilation. Avoid breathing vapours or mists. In case of insufficient ventilation, wear suitable respiratory equipment.

**General hygiene considerations** Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. 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.  
**Recommended storage temperature** For optimum shelf life store in original containers under refrigerated conditions at 2 - 8°C. Do not freeze.

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

## SECTION 8: Exposure controls/personal protection

### Control parameters

**Occupational exposure limits** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies

**Biological occupational exposure limits** This product, as supplied, does not contain any hazardous materials with biological limits established by the region specific regulatory bodies

### Appropriate engineering controls

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

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

**Eye/face protection** Wear safety glasses with side shields (or 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.

## SECTION 9: Physical and chemical properties

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## Information on basic physical and chemical properties

Appearance	No information available
Physical state	Liquid
Colour	Colourless
Odour	Characteristic Slight Acrid
Odour threshold	No information available

Property	Values	Remarks • Method
pH	No data available	No information available
Melting point / freezing point	-22 °C / -7.6 °F	No information available
Initial boiling point and boiling range	> 200 °C / 392.0 °F	No information available
Flash point	80 - 93.4 °C / 176.0 - 200.12 °F	No information available
Evaporation rate	No data available	No information available
Flammability	No data available	No information available
Upper/lower flammability or explosive limits		
Upper flammability or explosive limits	No data available	
Lower flammability or explosive limits	No data available	
Vapour pressure	No data available	No information available
Relative vapour density	No data available	No information available
Relative density	No data available	No information available
Solubility(ies)		
Water solubility	Reacts with water	Polymerisation can occur
Solubility in other solvents	No data available	No information available
Partition coefficient	No data available	No information available
Autoignition temperature	485 °C / 905.0 °F	No information available
Decomposition temperature	No data available	No information available
Kinematic viscosity	No data available	No information available
Dynamic viscosity	No data available	No information available

## Other information

Explosive properties	No information available
Oxidising properties	No information available
Liquid Density	1.1 g/cm <sup>3</sup>

## SECTION 10: Stability and reactivity

Reactivity	No information available.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	None under normal processing.
Conditions to avoid	Protect from moisture.
Incompatible materials	Alcohols. Alkali. Amines. Water. Oxidising agent.
Hazardous decomposition products	Nitrogen oxides (NOx). Carbon monoxide. Carbon dioxide (CO <sub>2</sub> ).

## SECTION 11: Toxicological information

### Information on the likely routes of exposure

#### 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. Bonds skin and eyes in

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- seconds. 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. Bonds skin and eyes in seconds. Causes skin irritation. (based on components).
- Ingestion** Specific test data for the substance or mixture is not available. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

## Symptoms related to the physical, chemical and toxicological characteristics

- 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-vapour) >20 mg/l  
ATEmix (inhalation-dust/mist) >5 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

## 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** Classification based on data available for ingredients. Causes serious eye irritation.
- Respiratory or skin sensitisation** No information available.
- Germ cell mutagenicity** No information available.
- Carcinogenicity** No information available.

## Legend

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

- Reproductive toxicity** No information available.
- STOT - single exposure** May cause respiratory irritation.
- STOT - repeated exposure** No information available.
- Aspiration hazard** No information available.

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## SECTION 12: Ecological information

### Ecotoxicity

Chemical name	Algae/aquatic plants	Fish	Crustacea
ethyl-2-cyanoacrylate	polymerizes	polymerizes	-

**Persistence and degradability** No information available.

**Bioaccumulative potential** No information available.

**Mobility in soil** No information available.

**Other adverse effects** No information available.

## SECTION 13: Disposal considerations

### Disposal methods

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

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

## SECTION 14: Transport information

**Note:** Applies only during air transport

**IMDG** Not regulated

### IATA

**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  
**Technical Name** ethyl-2-cyanoacrylate  
**Special Provisions** A27

**ADR** Not regulated

## SECTION 15: Regulatory information

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

#### National regulations

**South Africa - Occupational Injuries and Diseases - Chemical Agents** Not applicable

#### 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, Authorisation, and Restriction of Chemicals (REACH) Regulation (EC 1907/2006)**

### SVHC: Substances of Very High Concern for Authorisation:

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)

### Directive 2011/65/EU (EU RoHS 2), as amended by the Delegated Directive (EU) 2015/863 (EU RoHS 3)

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

## SECTION 16: Other information

**Prepared By** Product Safety & Regulatory Affairs  
**Revision date** 13-Dec-2024  
**Revision Note** No information available.

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

Legend **SECTION 8: Exposure controls/personal protection**

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

### 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)  
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)  
National Institute of Technology and Evaluation (NITE)  
Australian 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)  
U.S. National Toxicology Program (NTP)  
New Zealand's Chemical Classification and Information Database (CCID)  
Organisation for Economic Co-operation and Development Environment, Health, and Safety Publications  
Organisation for Economic Co-operation and Development High Production Volume Chemicals Programme  
Organisation for Economic Co-operation and Development Screening Information Data Set  
World Health Organization

### Disclaimer

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**End of Safety Data Sheet**