



SAFETY DATA SHEET

BCAHV

According to Regulation (EC) No 1907/2006, Annex II, as amended by Regulation (EU) No 453/2010

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

1.1. Product identifier

Product name BCAHV

Container size 20g, 50g, 100G, 500G

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Adhesive.

1.3. Details of the supplier of the safety data sheet

Supplier Bondloc UK Ltd

Units 1 & 2 Bewdley Business Park
Long Bank

Bewdley

Worcestershire



DY12 2TZ

United Kingdom

+44 (0)1299 269269

+44 (0)1299 269210

sales@bondloc.co.uk

1.4. Emergency telephone number

Emergency telephone +44 (0)1299 269269

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture Classification (EC 1272/2008)

Physical hazards Not Classified

Health hazards Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335
Not Classified

Environmental hazards

2.2. Label elements

Pictogram

Warning

Signal word

H315 Causes skin irritation.

H319 Causes serious eye irritation.

Hazard statements

H335 May cause respiratory irritation.

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Precautionary statements

P261 Avoid breathing vapour/ spray.

P264 Wash contaminated skin thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P302+P352 IF ON SKIN: Wash with plenty of water.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 Call a POISON CENTRE/doctor if you feel unwell.

P321 Specific treatment (see medical advice on this label).

Supplemental label

P332+P313 If skin irritation occurs: Get medical advice/ attention.

Information

P337+P313 If eye irritation persists: Get medical advice/ attention.

Contains

P362+P364 Take off contaminated clothing and wash it before reuse.

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

P405 Store locked up.

P501 Dispose of contents/ container in accordance with national regulations.

EUH202 Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

ethyl 2-cyanoacrylate

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

60-100%

ethyl 2-cyanoacrylate

Classification

Skin Irrit. 2 - H315

Eye Irrit. 2 - H319
STOT SE 3 - H335

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

Get medical advice/attention if you feel unwell.

Inhalation

Move affected person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion

Ensure that breathing passages are not obstructed. The product will polymerise immediately in the mouth making it almost impossible to swallow. Saliva will slowly separate the solidified product from the mouth (several hours).

Skin contact

If adhesive bonding occurs, do not force skin apart. It may be gently peeled apart using a blunt object such as a spoon, preferably after soaking in warm soapy water. Cyanoacrylates give off heat on solidification. In rare cases a large a large drop will generate enough heat to cause a burn. Burns should be treated normally after the adhesive has been removed from the skin if lips are accidentally stuck together apply warm water to the lips and encourage maximum wetting and pressure from saliva inside the mouth. Peel or roll lips apart. Do not try to pull apart with direct opposing action.

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Eye contact

If the eye is bonded closed, release eyelashes with warm water by covering with wet pad. cyanoacrylate will bond to eye protein and will cause periods of weeping which will help to de-bond the adhesive. Keep eye covered until de-bonding is complete, usually within in 1-3 days. Medical advice should be sought in case solid particles of cyanoacrylate trapped behind the eyelid cause any abrasive damage.

4.2. Most important symptoms and effects, both acute and delayed

General information Treat symptomatically.

4.3. Indication of any immediate medical attention and special treatment needed

Notes for the doctor Apply a pad soaked in warm water and allow the eyelids to separate. If adhesive bonding occurs, prise the skin apart slowly, working from the edge of the bonded area. Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Extinguish with foam, carbon dioxide or dry powder.

5.2. Special hazards arising from the substance or mixture

Specific hazards The product is not flammable. Trace amounts of toxic fumes may be released on incineration and the use of breathing apparatus is recommended.

5.3. Advice for firefighters

Protective actions during Trace amounts of toxic fumes may be released on incineration and the use of breathing apparatus is recommended.

firefighting

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions **Environmental precautions**

6.2. Environmental precautions

void contact with skin and eyes. Provide adequate ventilation.

A

The product is biodegradable.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Provide adequate ventilation. Do not use cloths for mopping up. Polymerise with water and scrape off floor.

6.4. Reference to other sections

Reference to other sections For waste disposal, see Section 13. For personal protection, see Section 8.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions For personal protection, see Section 8.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store at temperatures between 2°C and 8°C.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

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Occupational exposure limits

ethyl 2-cyanoacrylate



Short term exposure limit (15-minute): WEL 0.3 ppm 1.5 mg/m³
WEL = Workplace Exposure Limit

8.2. Exposure controls

Protective equipment

Eye/face protection

Wear eye protection.

Hand protection

Wear protective gloves made of the following material: Polyethylene. polypropylene Do NOT use Polyvinyl chloride (PVC). Rubber (natural, latex). nylon cotton

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Evaporation rate

Colour

Flammability (solid, gas)

Odour

Upper/lower flammability or

Odour threshold

explosive limits

pH

Vapour pressure

Melting point

Vapour density

Relative density

Initial boiling point and range

Flash point

Solubility(ies)

Liquid.

Partition coefficient

Clear.

Auto-ignition temperature

Characteristic.

Decomposition Temperature

No information available.

Explosive properties

Not applicable.

9.2. Other information

No information available.

Other information

96-150°C

Volatile organic compound

85°C

Not available.

Not applicable.

No information available.

.293 mm Hg

No information available.

No information available.

Insoluble in water. Soluble in the following materials: Acetone.

No information available.

No information available.

No information available.

No information available.

None.

20 g/l

SECTION 10: Stability and reactivity

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10.1. Reactivity

Reactivity

Polymerisation will occur in the presence of moisture and other basic materials.

Stable at normal ambient temperatures and when used as recommended.

10.2. Chemical stability

Stability

~~10.3. Possibility of hazardous reactions~~

~~Possibility of hazardous~~

~~reactions~~

Polymerisation will occur in the presence of moisture and other basic materials.

None known.

10.4. Conditions to avoid

Conditions to avoid

Moisture.

10.5. Incompatible materials

Materials to avoid

10.6. Hazardous decomposition products

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Ingestion

Toxicological effects

Acute toxicity - oral

Skin contact

ATE oral (mg/kg)

Eye contact

Inhalation

Considered low toxicity. respiratory system May cause inhalation hypersensitivity (occupational asthma) in sensitive individuals.

4,198.15281276 Cyanoacrylates are considered to have relatively low toxicity. It is almost impossible to swallow as it rapidly polymerises in the mouth.

Bonds skin and eyes in seconds. May cause skin irritation.

Vapours may irritate eyes and Bonds skin and eyes in seconds. In a dry atmosphere vapours may cause irritation and lachrymatory effect.

SECTION 12: Ecological Information

Ecotoxicity

There are no data on the ecotoxicity of this product.

12.1. Toxicity

Low

Ecotoxicity

Toxicity

12.2. Persistence and degradability

Persistence and degradability The product is biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.
No information available.

Partition coefficient

12.4. Mobility in soil The product is insoluble in water.

Mobility

12.5. Results of PBT and vPvB assessment

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Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

None known.

Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Disposal methods

Dispose of waste product or used containers in accordance with local regulations

SECTION 14: Transport information

General

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

SECTION 15: Regulatory information

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

EU legislation

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Dangerous Preparations Directive 1999/45/EC.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

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Inventories

EU - EINECS/ELINCS

None of the ingredients are listed or exempt.

US - TSCA 12(b) Export Notification None of the ingredients are listed or exempt.

SECTION 16: Other information

Revision date 20/04/2016

SDS number 4552

Hazard statements in full H315 Causes skin irritation.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H335 May cause respiratory irritation.

PRECAUTIONS: This product and the auxiliary materials normally combined with it are capable of producing adverse health effects ranging from minor skin irritation to serious systemic effects. None of these materials should be used, stored, or transported until the handling precautions and recommendations as stated in the Material Safety Data Sheets (MSDS) for this and all other products being used are understood by all persons who will work with the product.

WARRANTY: All products purchased from or supplied by Bondloc are subject to terms and conditions set out in the contract. Bondloc warrants only that its product will meet those specifications designated as such herein or in other publications. All other information supplied by Bondloc is considered accurate but are furnished upon the express condition the customer shall make its own assessment to determine the product's suitability for a particular purpose. Bondloc makes no other warranty, either express or implied, including those regarding such other information, the data upon which the same is based, or the results to be obtained from the use thereof; that any product shall be merchantable or fit for any particular purpose; or that the use of such other information or product will not infringe any patent.