

# Material Safety Data Sheet

MSDS CYANOACRYLATE ADHESIVE HV  
Revised 03.08.10



## 1: IDENTIFICATION OF THE SUBSTANCE/ PREPARATION AND COMPANY / UNDERTAKING

**PRODUCT NAME:** Bondloc HV  
**MANUFACTURER:** Bondloc UK Limited,  
Bewdley,  
Worcestershire  
DY12 2TZ  
**Emergency Info:** +44 (0)1299 269 269

## 2: COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous components	Conc	CAS	EINECS	RISK PHRASES
Ethyl-2-cyanoacrylate	95-99%	7085-85-0	230-391-5	XI, R36/37/38
1,4-Dihydroxybenzene	0-0.5%	123-31-9	204-617-8	Xn, R22, Xn R40, Xi R41, Xi R43, N R50, XN R68

## 3: HAZARDS IDENTIFICATION

**Most important hazards** Irritating to eyes, respiratory system and skin.

## 4: FIRST-AID MEASURES

### Skin contact

Irritating to skin. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. In the case of skin irritation or allergic reactions see a physician.

### Eye contact

Irritating to eyes. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If eye irritation persists, consult a specialist.

### Inhalation

Irritating to respiratory system. Inhalation of vapours is irritating to the respiratory system, may cause throat pain and cough. Move to fresh air. Consult a physician after significant exposure.

### Ingestion

Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhoea. Consult a physician if necessary. Do NOT induce vomiting.

## 5: FIRE-FIGHTING MEASURES

**Suitable extinguishing media** Carbon dioxide (CO2).

**Specific hazards** Burning produces obnoxious and toxic fumes.

### Special protective equipment for fire-fighters

Wear self contained breathing apparatus for fire fighting if necessary.

## 6: ACCIDENTAL RELEASE MEASURES

**Personal precautions** Ensure adequate ventilation. Use personal protective equipment.

**Environmental precautions** Do not let product enter drains. Prevent further leakage or spillage.

**Methods for cleaning up** Soak up with inert absorbent material. Sweep up and shovel into suitable containers for disposal. After cleaning, flush away traces with water.

**7: HANDLING AND STORAGE****Handling**

Avoid contact with skin and eyes. Ensure adequate ventilation or exhaust ventilation in the working area. Handle in accordance with good industrial hygiene and safety practice.

**Storage**

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep in properly labelled containers.

**8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

## Exposure limit(s)

Ethyl cyanoacrylate WEL 8-hr limit ppm: -

WEL 15 min limit ppm: 0.3

WEL 8-hr limit mg/m<sup>3</sup>: -

WEL 15 min limit mg/m<sup>3</sup>: 1.5

Hydroquinone WEL 8-hr limit ppm: -

WEL 15 min limit ppm: -

WEL 8-hr limit mg/m<sup>3</sup>: 0.5

WEL 15 min limit mg/m<sup>3</sup>: -

**Engineering measures** Ensure adequate ventilation, especially in confined areas.

**Respiratory protection** In case of insufficient ventilation wear suitable respiratory equipment.

**Hand protection** PVC or other plastic material gloves.

**Eye protection** Goggles.

**Skin and body protection** Wear chemical protective clothing.

**9: PHYSICAL AND CHEMICAL PROPERTIES**

Physical State	Liquid
Colour	Clear
Odour	Sharp, Irritating
Boiling point	100°C
Flash point	81°C
Vapour pressure	<0.5mm hg
Water solubility	Immiscible

**10: STABILITY AND REACTIVITY**

Stability Stable under normal conditions.

**11: TOXICOLOGICAL INFORMATION**

Acute toxicity Estimated Oral LD50: >5000mg kg . Estimated Dermal LD50: >2000mg kg .

**12: ECOLOGICAL INFORMATION**

Ecotoxicity effects No data is available on the product itself.

**13: DISPOSAL CONSIDERATIONS**

General Information Dispose of in accordance with local regulations.

**14: TRANSPORT INFORMATION****U.S. Department of Transportation Ground (49 CFR):****Proper shipping name:** Unrestricted**Hazard class or division:** None**Identification number:** None**Packing group:** None**International Air Transportation (ICAO/IATA):****Proper shipping name:** Unrestricted**Hazard class or division:** None**Identification number:** None**Packing group:** None**Water Transportation (IMO/IMDG):****Proper shipping name:** Unrestricted**Hazard class or division:** None**Identification number:** None**Packing group:** None**Marine pollutant:** None**UN No:** None**IMDG:** -**Packing Group:-****IATA/ICAO: -****Packing Group:-****ADR/RID: -****Item: -****Flash Point:-****Transport Name:** None-not hazardous for transport.**15. REGULATORY INFORMATION LABELLING**

**Labelling** The product is classified and labelled in accordance with Directive 1999/45/EC. The product is classified in accordance with Annex VI to Directive 67/548/EEC.

**SYMBOL** Xi - Irritant  
**R36/37/38** Irritating to Eye, Skin and Respiratory System

**CYANOACRYLATE. DANGER BONDS SKIN AND EYES IN SECONDS****16: OTHER INFORMATION**

Text of R phrases mentioned in Section 2

R22	Harmful if swallowed.
R36/37/38	Irritating to eyes, respiratory system and skin.
R40	Limited evidence of a carcinogenic effect.
R41	Risk of serious damage to eyes.
R43	May cause sensitization by skin contact.
R50	Very toxic to aquatic organisms.
R68	Possible risk of irreversible effects.

**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 is furnished upon the express condition the customer shall make its own assessment to determine the product's suitability for a particular purpose.

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.