

# Material Safety Datasheet

**Glassbond**

Safety Data Sheet according to regulation (EC) N°1907/2006, 1272/2008(CLP) & 453/2010

Date Revised : 12.08.2019

Revision : 01

Product : **GLASSBOND INSTANT ADHESIVE L450 GEL**

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/ MIXTURE AND OF THE COMPANY/UNDERTAKING

- 1.1 Product Identifier  
Product name : GLASSBOND INSTANT ADHESIVE L450 GEL  
REACH notes : Substances contained in this product that are not classified as hazardous have been/will be registered for REACH at the appropriate time.
- 1.2 Relevant identified uses of the mixture and uses advised against.  
Identified use : PC1, Adhesives, sealants  
Uses advised against : No other uses
- 1.3 Details of the supplier of the safety data sheet  
COMPANY IDENTIFICATION GLASSBOND (NW) LTD  
WEST SIDE INDUSTRIAL ESTATE  
JACKSON STREET  
ST. HELENS  
MERSEYSIDE WA9 3AT  
UNITED KINGDOM
- TELEPHONE +44(0)1744 730334  
FAX +44(0)1744 451661  
EMAIL TECHNICAL@GLASSBOND.CO.UK
- 1.4 EMERGENCY TELEPHONE NUMBER +44(0)1744 730334  
(GMT, ENGLISH SPOKEN, MON-FRIDAY; 08.30-16.30)

## SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the mixture:  
Regulation (EC) No. 1272/2008(CLP)  
STOT SE 3: H335; Eye Irrit. 2: H319; Skin Irrit. 2: H315; -: EUH202  
Most important adverse effects:  
Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.

2.2 Label elements (According to Regulation (EC) No. 1272/2008(CLP))



GHS07 SIGNAL WORD (S)	Warning
HAZARD STATEMENT(S)	H315: Causes skin irritation H319: Causes serious eye irritation H335: May cause respiratory irritation EUH202: Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children.
PRECAUTIONARY STATEMENTS:	P280: Wear protective gloves/protective clothing/eye protection/face protection. P337+313: If eye irritation persists: Get medical advice/attention. P271: Use only outdoors or in a well-ventilated area. P264: Wash thoroughly after handling. P302+352: IF ON SKIN: Wash with plenty of water. P261: Avoid breathing dust/fumes/gas/mist/vapours/spray. P304+340: IF INHALED: Remove person to fresh air and keep comfortable for breathing. P305+351+338: 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 CENTER or doctor/physician if you feel unwell. P321: Specific treatment (see instructions on this label). P362: Take off contaminated clothing. P332+313: If skin irritation occurs: Get medical advice/attention. P403+233: Store in a well-ventilated place. Keep container tightly closed. P501: Dispose of contents/container to Registered Disposal Company in conjunction with local and national regulations.

2.3 Other Hazards  
 This product is not identified as a PBT/vPvB substance

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 HAZARDOUS INGREDIENTS: ETHYL-2-CYANOACRYLATE

EINECS	CAS	PBT/WEL	CLP Classification	Percent
230-391-5	7085-85-0	-	Eye Irrit. 2: H319; STOT SE 3: H335; Skin Irrit. 2: H315	85-99%

#### SECTION 4: FIRST AID MEASURES

##### 4.1 Description of first aid measures

Inhalation	Remove casualty from exposure ensuring one's own safety whilst doing so. Consult a doctor.
Eyes	Bathe the eye with running water for 15 minutes. Consult a doctor.
Skin	Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water.
Ingestion	Wash out mouth with water. Consult a doctor.

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

Inhalation	There may be irritation of the throat with a feeling of tightness in the chest. Exposure may cause coughing or wheezing.
Eyes	There may be irritation and redness. The eyes may water profusely.
Skin	There may be irritation and redness at the site of contact.
Ingestion	There may be soreness and redness of the mouth and throat.

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

Immediate/special treatment	Eye bathing equipment should be available on the premises.
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#### SECTION 5: FIRE-FIGHTING MEASURES

5.1 Extinguishing media	Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers.
5.2 Special hazards arising from the mixture	In combustion emits toxic fumes.
5.3 Advice for fire fighters	Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

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SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal Precautions, protective equipment and emergency procedures  
 Refer to section 8 of SDS for personal protection details. If outside do not approach from downwind. If outside keep bystanders upwind and away from danger point. Mark out the contaminated area with signs and prevent access to unauthorised personnel. Turn leaking containers leak-side up to prevent the escape of liquid.
- 6.2 Environmental Precautions  
 Do not discharge into drains or rivers. Contain the spillage using bunding.
- 6.3 Methods and material for containment and cleaning up  
 Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.
- 6.4 Reference to other sections  
 Refer to section 8 of SDS.
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SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling  
 Handling requirements Avoid direct contact with the substance. Ensure there is sufficient ventilation of the area. Do not handle in a confined space. Avoid the formation or spread of mists in the air.
- 7.2 Conditions for safe storage, including any incompatibilities  
 Storage conditions Store in a cool, well ventilated area. Keep container tightly closed.
- 7.3 Specific end use(s) No data available.
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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

State	WORKPLACE EXPOSURE LIMITS		RESPIRABLE DUST	
	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	-	1.5mg/m <sup>3</sup>	-	-

DNEL/PNE NO DATA AVAILABLE

8.2 EXPOSURE CONTROLS

ENGINEERING MEASURES: ENSURE THERE IS SUFFICIENT VENTILATION OF THE AREA.

RESPIRATORY PROTECTION: SELF-CONTAINED BREATHING APPARATUS MUST BE AVAILABLE IN CASE OF EMERGENCY.

HAND PROTECTION: PROTECTIVE GLOVES.

EYE PROTECTION: TIGHTLY FITTING SAFETY GOGGLES. ENSURE EYE BATH IS TO HAND.

SKIN PROTECTION: PROTECTIVE CLOTHING.

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

State	Liquid
Colour	Colourless
Odour	Irritating odour
Evaporation rate	No data available
Oxidising	No data available
Solubility in water	Insoluble
Also soluble in	Acetone
Viscosity	Non-viscous
Boiling point/range (°C)	150
Melting point/range (°C)	No data available
Flammability limits %: lower:	No data available
Flammability limits %: upper:	No data available
Flash point (°C)	87
Autoflammability (°C)	500
Relative density	1.05g/cm <sup>3</sup>
VOC (g/l)	20
Part.coeff. n-octanol/water	No data available
Vapour pressure	No data available
pH	No data available

9.2 Other information No data available

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## SECTION 10: STABILITY AND REACTIVITY

10.1	Reactivity	Stable under recommended transport or storage conditions.
10.2	Chemical Stability	Stable under normal conditions.
10.3	Possibility of Hazardous reactions	Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.
10.4	Conditions to Avoid	Heat.
10.5	Incompatible materials	Strong oxidising agents.
10.6	Hazardous Decomposition Products	In combustion emits toxic fumes.

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SECTION 11: TOXICOLOGICAL INFORMATION

Toxicity Values				
Route	Species	Test	Value	Units
Dermal	RBT	LD50	2000	mg/kg
Oral	RAT	LD50	5000	mg/kg

  

Hazardous Ingredients				
Route	Species	Test	Value	Units
ORAL	RAT	LD50	>5	ml/kg

  

Relevant hazards for substance			Basis	
Hazard	Route	Test		
Skin corrosion/irritation	DRM		Hazardous: calculated	
Serious eye damage/irritation	OPT		Hazardous: calculated	
STOT-single exposure	INH		Hazardous: calculated	

SECTION 12: ECOLOGICAL INFORMATION

12.1	Toxicity Ecotoxicity values	No data available
12.2	Persistence and degradability	Biodegradable
12.3	Bioaccumulative potential	No bioaccumulation potential
12.4	Mobility in soil	Readily absorbed into soil
12.5	Results of PBT and vPvB assessment	This product is not identified as a PBT/vPvB substance
12.6	Other adverse effects	Negligible ecotoxicity

SECTION 13: DISPOSAL CONSIDERATION

13.1	Waste treatment methods	
	Disposal operations	Transfer to a suitable container and arrange for collections by specialised disposal company
	NB.	The user's attention is drawn to the possible existence of regional or national regulations regarding disposal

SECTION 14: TRANSPORT INFORMATION

Transport class	This product does not require a classification for transport
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SECTION 15: REGULATORY INFORMATION

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture	
	Specific regulations	Not applicable

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SECTION 16: OTHER INFORMATION

Other information	This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010
Phrases used in s.2 and s.3	EUH202: Cyanoacrylate. Danger. Bonds skin and eyes in seconds. Keep out of the reach of children. H315: Causes skin irritation H319: Causes serious eye irritation H335: May cause respiratory irritation

This information relates only to the specific material designated and is to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness and without acceptance of liability for loss or damage attributable to reliance thereon as conditions of use lie outside our control. Users should always carry tests to establish the suitability of any products for their intended applications. No statements shall be incorporated in any contract unless expressly agreed in writing or construed as recommending the use of any product in conflict of any patent. All goods are supplied subject to Glassbond Ltd's General Conditions of Sale.

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