

# 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 L101 LIQUID**

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

- 1.1 Product Identifier  
Product name : GLASSBOND INSTANT ADHESIVE L101 LIQUID  
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  
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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;<br>STOT SE 3: H335;<br>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              | 1.06g/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 |       |                       |
|--------------------------------|-------|-----------------------|
| Hazard                         | Route | Basis                 |
| 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<br>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<br>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

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