

Safety Data Sheet according to regulation (EC) N°1907/2006, (EU) 2015/830, 1272/2008(CLP) & 453/2010

Date Revised : 27.05.2022

Revision : 02

Product : **GLASSBOND LED CAPPING ADHESIVE L904**

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

1.1 Product Identifier

Product name : GLASSBOND LED CAPPING ADHESIVE L904
REACH notes : Substances contained in this product that are not classified as hazardous have been/will be registered for UK/EU REACH at the appropriate time.

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

Identified use : Adhesives, sealants
Uses advised against : No other uses

1.3 Details of the supplier of the safety data sheet

COMPANY IDENTIFICATION GLASSBOND (NW) LTD
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(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)

Aquatic Chronic 2: H411; Aquatic Acute 1: H400; Eye Dam. 1: H318; Skin Irrit. Sens. 1A: H317; Skin Irrit. 2: H315 ; STOT SE 3: H335

Most important adverse effects:

Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. May cause respiratory irritation. Toxic to aquatic life with long lasting effects.

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



GHS05: Corrosive
 GHS07: Harmful
 GHS09: Dangerous for the environment

SIGNAL WORD (S) Danger

HAZARD STATEMENT(S)
 H315: Causes skin irritation
 H317: May cause an allergic skin reaction
 H318: Causes serious eye damage
 H335: May cause respiratory irritation
 H411: Toxic to aquatic life with long lasting effects
 H400: Very toxic to aquatic life

PRECAUTIONARY STATEMENTS:
 P302+P352: IF ON SKIN: Wash with plenty of water
 P280: Wear protective gloves/protective clothing/eye protection/face protection.
 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.
 P310: Immediately call a POISON CENTER or doctor.
 P362+P364: Take off contaminated clothing and wash it before use

2.3 Other Hazards

This product is not identified as a PBT/vPvB substance

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 HAZARDOUS INGREDIENTS:

Ingredient	EINECS	CAS	PBT/WEL	CLP Classification	Percentage
Bisphenol A epoxy diacrylate		55818-57-0		Skin Sens. 1: H317	10-30
Aliphatic urethane triacrylate				Skin Sens. 1: H317; Eye Irrit. 2: H319; Skin Irrit. 2: H315	10-30
Isobornyl acrylate REACH (2119957862-25-XXXX)	227-561-6	5888-33-5		Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335; Aquatic Acute 1: H400; Skin Sens. 1: H317; Aquatic Chronic 1: H410; Aquatic Chronic 2: H411	10-30

Aliphatic urethane diacrylate				Skin Irrit. 2: H315; Aquatic Chronic 2: H411; Aquatic Chronic 3: H412; Eye Irrit. 2: H319; Skin Sens. 1B: H317	10-30
Acrylic acid	201-177-9	79-10-7		Flam. Liq. 3: H226; Acute Tox. 4: H332; Acute Tox. 4: H312; Acute Tox. 4: H302; Skin Corr. 1A: H314; Aquatic Acute 1: H400	<10
(1-Methylethylidene)di-4, 1-phenylenetetraphenyl Diphosphate	425-220-8	5945-33-5		Aquatic Chronic 4: H413	<10
Acrylate monomer	7328-17-8			Acute Tox. 4: H312; Skin Irrit. 2: H315; Skin Sens. 1A: H317; Eye Irrit. 2: H319	<10
2,4,6-Trimethylbenzoyl-diphenyl Phosphine Oxide	75980-60-8			Skin Sens. 1B: H317; Repr. 2: H361f; Aquatic Chronic 2: H411	<1

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.
Eyes	Bathe the eye with running water for 15 minutes. Transfer to hospital for specialist examination.
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. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. Seek medical attention.

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.
Eyes	There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred.

Skin There may be irritation and redness at the site of contact.

Ingestion There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.

4.3 Indication of any immediate medical attention and special treatment needed

Immediate/special treatment Not applicable.

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.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions
Protective equipment and emergency procedures
Mark out the contaminated area with signs and prevent access to unauthorised personnel. Do not attempt to take action without suitable protective clothing - see section 8 of SDS. Turn leaking containers leak-side up to prevent the escape of liquid.

6.2 Environmental Precautions
Avoid release to the environment. For larger spills, cover drains and prevent entry into sewer systems or bodies of water with bunding.

6.3 Methods and material for containment and cleaning up
Contain spill. Working from around the edges of the spill inward, cover with bentonite, vermiculite, or commercially available inorganic absorbent material. Mix in sufficient absorbent until it appears dry. Remember, adding an absorbent material does not remove a physical, health, or environmental hazard. Collect as much of the spilled material as possible. Place in a closed container approved for transportation by appropriate authorities. Clean up residue with an appropriate solvent selected by a qualified and authorised person. Ventilate the area with fresh air. Read and follow safety precautions on the solvent label and Safety Data Sheet. Seal the container. Dispose of collected material as soon as possible.

6.4 Reference to other sections
Refer to section 8 for more information.

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.
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) Adhesive.
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SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS

HAZARDOUS INGREDIENTS
ACRYLIC ACID

WORKPLACE EXPOSURE LIMITS

RESPIRABLE DUST

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	30mg/m ³	60mg/m ³	-	-

DNEL/PNEC 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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

APPEARANCE	Liquid	COLOUR	Colourless
ODOUR	Irritating odour	ODOUR THRESHOLD ppm	Not Available
pH VALUE	Not applicable	RELATIVE DENSITY	1.04 g/ml
MELTING POINT/FREEZING PT	Not applicable	SOLUBILITY IN WATER @ 20°C	Not available
INITIAL BOILING POINT/RANGE	150°C	PARTITION COEFFICIENT	Not available
FLASHPOINT °C	85°C	(n-octanol/water)	
EVAPORATION RATE	Not applicable	AUTO IGNITION TEMPERATURE	Not available
FLAMMABILITY (SOLID/GAS)	Not applicable	DECOMPOSITION TEMPERATURE °C	Not available
UPPER EXPLOSIVE LIMIT	Not Available	VISCOSITY mPa.s @ 25°C	3000 – 4000
LOWER EXPLOSIVE LIMIT	Not Available	EXPLOSIVE PROPERTIES	Not available
VAPOUR PRESSURE	Not applicable	OXIDIZING PROPERTIES	Not oxidising
VAPOUR DENSITY (AIR=1)	Not applicable		

9.2 Other information No data available

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. Strong acids.
10.6	Hazardous Decomposition Products	In combustion emits toxic fumes.

SECTION 11: TOXICOLOGICAL INFORMATION

HAZARDOUS INGREDIENTS

ACRYLIC ACID

IPR	RAT	LD50	22	mg/Kg
ORL	MUS	LD50	830	mg/Kg
ORL	RAT	LD50	1250	mg/Kg
SCU	MUST	LD50	1590	mg/Kg

RELEVANT HAZARDS FOR PRODUCT:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: calculated
Serious eye damage/irritation	OPT	Hazardous: calculated
Respiratory/skin sensitisation	-	Hazardous: calculated
STOT-single exposure	INH	Hazardous: calculated

SYMPTOMS/ROUTES OF EXPOSURE

Inhalation	There may be irritation of the throat with a feeling of tightness in the chest.
Eyes	There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage.
Skin	There may be irritation and redness at the site of contact.
Ingestion	There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur.
Delayed/ Immediate effects	Immediate effects can be expected after short-term exposure.

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
National regulations:
The Chemicals (Hazard Information and Packaging for Supply Regulations 2009 (SI 2009 No.716)
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).
COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
Guidance:
Workplace Exposure Limits EH40.
CHIP for everyone HSG228.
Safety Data Sheets for Substances and Preparations.
Approved Classification and Labelling Guide (Sixth edition) L131.
- 15.2 Chemical safety assessment:
A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.
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SECTION 16: OTHER INFORMATION

* SECTIONS REVISED 1 Supercedes date 29.10.2019

Reference made to UK/EU REACH

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 H226: Flammable liquid and vapour
H302: Harmful if swallowed
H312: Harmful in contact with skin
H314: Causes severe skin burns and eye damage
H315: Causes skin irritation
H317: May cause an allergic skin reaction
H318: Causes serious eye damage
H319: Causes serious eye irritation
H332: Harmful if inhaled
H335: May cause respiratory irritation
H361f: Suspected of damaging fertility
H400: Very toxic to aquatic life
H411: Toxic to aquatic life with long lasting effects
H412: Harmful to aquatic life with long lasting effects
H413: May cause long lasting harmful effects to aquatic life

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