

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

Date Revised : 29.10.2019

Revision : 01

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 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
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NUMBER (GMT, ENGLISH SPOKEN, MON-FRIDAY; 08.30-16.30)
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SECTION 2: HAZARDS IDENTIFICATION

- 2.1 Classification of the mixture:
Regulation (EC) No. 1272/2008(CLP)
- Aquatic Chronic 2: H411; Eye Dam. 1: H318; Skin Irrit. 2: H315; Skin Sens. 1A
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

PRECAUTIONARY STATEMENTS: P280: Wear protective gloves/protective clothing/eye protection/face protection.
 P302+352: IF ON SKIN: Wash with plenty of water.
 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.
 P310: Immediately call a POISON CENTER or doctor.
 P362+P364: Take off contaminated clothing and wash it before reuse.

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	Percent
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
Acrylic monomer		5888-33-5		Skin Irrit. 2: H315; Eye Irrit. 2: H319; STOT SE 3: H335; 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	1-10
(1-Methylethylidene)di-4, 1-phenylenetetraphenyl Diphosphate	425-220-8	5945-33-5		Aquatic Chronic 4: H413	1-10
Acrylate monomer	7328-17-8			Acute Tox. 4: H312; Skin Irrit. 2: H315; Skin Sens. 1A: H317; Eye Irrit. 2: H319	1-10
2,4,6-Trimethylbenzoyl-diphenyl Phosphine Oxide	75980-60-8			Skin Sens. 1: 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. 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.
Eyes	There may be irritation 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.

4.3 Indication of any immediate medical attention and special treatment needed

Immediate/special treatment Eye bathing equipment should be available on the premises.

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
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.

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) No data available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 CONTROL PARAMETERS
 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/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.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

State	Liquid
Colour	Colourless
Odour	Irritating odour
Viscosity	Non-viscous
Boiling point/range (°C)	150

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

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 substance	Route	Basis
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

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

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	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

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.
