

SAFETY DATA SHEET B574

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

1.1. Product identifier

Product name B574
Container size 50ml 250ml tube 65ml

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

Identified uses Adhesive. Anerobic Sealant

1.3. Details of the supplier of the safety data sheet

Supplier BONDLOC UK LTD
UNIT 2 BEWDLEY BUSINESS PARK
LONG BANK
BEWDLEY
WORCESTERSHIRE
DY12 2TZ
01299 269269
01299 269210
sales@bondloc.co.uk

1.4. Emergency telephone number

+44 (0)1299 269269 Monday - Friday 09:00-17:00 hrs

National Emergency Telephone Number

+44 (0)1299 269269 Mon-Fri 09:00-17:00hrs

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards Not classified.
Human health Skin Irrit. 2 - H315; Eye Irrit. 2 - H319; Skin Sens. 1 - H317; STOT SE 3 - H335
Environment Not classified.

Classification (1999/45/EEC)

Xi; R36/37/38. R43.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

2.2. Label elements

Contains 2-HYDROXYPROPYL METHACRYLATE
ETHOXYLATED BISPHENOL A DIMETHACRYLATE

Label In Accordance With (EC) No. 1272/2008



Signal Word

Warning

Hazard Statements

H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H335 May cause respiratory irritation.

Precautionary Statements

P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P313 Get medical advice/attention.

B574

<p>Supplementary Precautionary Statements</p> <p>P501</p> <p>P272</p> <p>P261</p> <p>P264</p> <p>P321</p> <p>P302+352</p> <p>P304+340</p> <p>P312</p> <p>P332+313</p> <p>P333+313</p> <p>P337</p> <p>P362</p> <p>P363</p> <p>P403+233</p> <p>P405</p>	<p>Dispose of contents/container in accordance with local regulations.</p> <p>Contaminated work clothing should not be allowed out of the workplace.</p> <p>Avoid breathing vapour/spray.</p> <p>Wash contaminated skin thoroughly after handling.</p> <p>Specific treatment (see medical advice on this label).</p> <p>IF ON SKIN: Wash with plenty of soap and water.</p> <p>IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.</p> <p>Call a POISON CENTER or doctor/physician if you feel unwell.</p> <p>If skin irritation occurs: Get medical advice/attention.</p> <p>If skin irritation or rash occurs: Get medical advice/attention.</p> <p>If eye irritation persists:</p> <p>Take off contaminated clothing and wash before reuse.</p> <p>Wash contaminated clothing before reuse.</p> <p>Store in a well-ventilated place. Keep container tightly closed.</p> <p>Store locked up.</p>
---	--

2.3. Other hazards

No data available / Not applicable

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**3.2. Mixtures**

1-ACETYL-2-PHENYLHYDRAZINE		< 1%
Classification (EC 1272/2008) Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 STOT SE 3 - H335	Classification (67/548/EEC) Xn;R22. Xi;R36/37/38. R43.	
2-HYDROXYPROPYL METHACRYLATE		10-30%
CAS-No.: 27813-02-1	EC No.:	
Classification (EC 1272/2008) Eye Irrit. 2 - H319 Skin Sens. 1 - H317	Classification (67/548/EEC) Xi;R36. R43.	
CUMENE		< 1%
CAS-No.: 98-82-8	EC No.: 202-704-5	
Classification (EC 1272/2008) Flam. Liq. 3 - H226 STOT SE 3 - H335 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	Classification (67/548/EEC) R10 Xn;R65 Xi;R37 N;R51/53	
CUMENE HYDROPEROXIDE		< 1%
CAS-No.: 80-15-9	EC No.: 201-254-7	

B574

Classification (EC 1272/2008) Org. Perox. E - H242 Acute Tox. 4 - H302 Acute Tox. 4 - H312 Acute Tox. 3 - H331 Skin Corr. 1B - H314 STOT SE 3 - H335 STOT RE 2 - H373 Aquatic Chronic 2 - H411	Classification (67/548/EEC) O;R7 T;R23 C;R34 Xn;R21/22,R48/20/22 N;R51/53
--	--

ETHOXYLATED BISPHENOL A DIMETHACRYLATE	30-60%
CAS-No.:	EC No.:

Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317 STOT SE 3 - H335	Classification (67/548/EEC) Xi;R36/37/38. R43.
---	--

POLYETHYLENE GLYCOL 200 DIMETHACRYLATE	10-30%
CAS-No.:	EC No.:

Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Irrit. 2 - H319	Classification (67/548/EEC) Xi;R36/38.
--	---

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Move to fresh air. If symptoms persist, seek medical advice

Ingestion

Rinse out mouth, drink 1-2 glasses of water, do not induce vomiting Seek medical advice

Skin contact

Rinse with running water and soap Seek medical advice

Eye contact

Rinse immediately with plenty of running water (for 10 minutes). Seek medical attention if necessary

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

Skin contact

May cause sensitization by skin contact

Eye contact

Irritation, conjunctivitis

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

See section: Description of first aid measures

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Carbon dioxide, foam, powder

Unsuitable extinguishing media

Not known

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

Oxides of carbon, oxides of nitrogen, irritating organic vapors Do not expose to direct heat

Specific hazards

Oxides of: Carbon. Nitrogen. Irritating organic vapors Sulphur oxides

5.3. Advice for firefighters**Protective equipment for fire-fighters**

Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1. Personal precautions, protective equipment and emergency procedures**

Avoid contact with skin and eyes. Provide adequate ventilation.

6.2. Environmental precautions

Prevent entry into drains.

6.3. Methods and material for containment and cleaning up

For small spills wipe up with a paper towel and place in container for disposal For large spills absorb onto inert absorbant material and place in sealed container for disposal . Dispose of contaminated material as waste according to section 13

6.4. Reference to other sections

See advice in section 8

SECTION 7: HANDLING AND STORAGE**7.1. Precautions for safe handling**

Use only in well ventilated areas Prolonged or repeated skin contact should be avoided to minimise any risk of sensitisation Do not eat, drink or smoke when using the product. Wash hands before work breaks and after finishing work. Good industrial hygiene practices should be observed

7.2. Conditions for safe storage, including any incompatibilities

Store in original containers at 8-21°C (46.4-69.8 °F) and do not return residual materials to containers as contamination may reduce shelf life of the bulk product

7.3. Specific end use(s)

Anaerobic Sealant

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**8.1. Control parameters****Biological Limit Values**

none

8.2. Exposure controls**Respiratory equipment**

Use only in well ventilated areas

Hand protection

Nitrile gloves are recommended. Chemical-resistant protective gloves (EN 374) Suitable materials for short-term contact or splashes (recommended: at least protection index2, corresponding to >30 minutes permeation time as per EN 374): nitrile rubber (NBR;>=0.4mm thickness) Suitable materials for longer, direct contact (recommendation: protection index 6, corresponding to >480 minutes permeation time as per EN 374): nitrile rubber (NBR;>=0.4mm thickness) This information is based on literature references and on information provided by the glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

Eye protection

Wear approved safety goggles.

Skin protection

Wear apron or protective clothing in case of splashes.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**9.1. Information on basic physical and chemical properties**

Appearance	Paste
Colour	Orange.
Odour	Mild.
Solubility	Slightly soluble in water.

Initial boiling point and boiling range	>150 C
Melting point (°C)	No information available.
Vapour density (air=1)	Not available. 1, 15 g/cm ³
Vapour pressure	6, 6700000 mbar
Evaporation rate	No information available.
pH-Value, Conc. Solution	Not applicable.
Viscosity	No information available.
Decomposition temperature (°C)	No information available.
Odour Threshold, Lower	No information available.
Odour Threshold, Upper	No information available.
Flash point	> 100 C
Auto Ignition Temperature (°C)	No information available.
Flammability Limit - Lower(%)	No information available.
Flammability Limit - Upper(%)	No information available.
Partition Coefficient (N-Octanol/Water)	Not available.
Explosive properties	No information available.
Oxidising properties	Not available.

9.2. Other information

No data available / Not applicable

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Reacts with strong acids Reacts with strong oxidants

10.2. Chemical stability

Stable under recommended storage conditions

10.3. Possibility of hazardous reactions

See section reactivity

10.4. Conditions to avoid

Stable

10.5. Incompatible materials

Materials To Avoid

No further relevant information available

10.6. Hazardous decomposition products

Irritating organic vapours

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information

The preparation is classified based on the conventional method outlined in Article 6(1)(a) of Directive 1999/45/EC. Relevant available health/ecological information for the substances listed under Section 3 is provided in the following

Inhalation

Inhalation of vapours in high concentration may cause irritation of respiratory system

Ingestion

This material is considered to have a low toxicity if swallowed

Skin contact

May cause sensitization by skin contact

Eye contact

Irritating to eyes.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

Do not empty into drains / surface water / ground water

12.1. Toxicity

Low ecotoxicity

12.2. Persistence and degradability

No further relevant information available

12.3. Bioaccumulative potential**Bioaccumulative potential**

No data available on bioaccumulation.

Partition coefficient

Not available.

12.4. Mobility in soil**Mobility:**

Cured adhesives are immobile

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

Not available.

SECTION 13: DISPOSAL CONSIDERATIONS

General information

Dispose of in accordance with local and national regulations

13.1. Waste treatment methods

Dispose of in accordance with local and national regulations Contribution of this product to waste is very insignificant in comparison to article in which it is used After use, tubes, cartons and bottles containing residue product should be disposed of as chemically contaminated waste in a authorised legal land fill site or incinerated Disposal must be made according to official regulations

Waste Class

08 04 09 waste adhesives and sealants containing organic solvents and other dangerous substances

SECTION 14: TRANSPORT INFORMATION

General

Not hazardous according to RID, ADR, ADNR, IMDG. IATA-DGR

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

Not applicable.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU Legislation

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. 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, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

Health and Environmental Listings

VOC content <5% (1999/13/EC)

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Date 22/02/2013

Risk Phrases In Full

R34	Causes burns.
R10	Flammable.
R22	Harmful if swallowed.
R21/22	Harmful in contact with skin and if swallowed.
R48/20/22	Harmful: danger of serious damage to health by prolonged exposure through inhalation and if swallowed.
R65	Harmful: may cause lung damage if swallowed.
R36/38	Irritating to eyes and skin.
R36/37/38	Irritating to eyes, respiratory system and skin.
R36	Irritating to eyes.
R37	Irritating to respiratory system.
R7	May cause fire.
R43	May cause sensitisation by skin contact.
R23	Toxic by inhalation.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Hazard Statements In Full

H319	Causes serious eye irritation.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H242	Heating may cause a fire.
H304	May be fatal if swallowed and enters airways.
H317	May cause an allergic skin reaction.
H373	May cause damage to organs <<Organs>> through prolonged or repeated exposure.
H335	May cause respiratory irritation.
H331	Toxic if inhaled.
H411	Toxic to aquatic life with long lasting effects.

Disclaimer

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. , WARRENTY: all products purchased from or supplied by Bondloc are subject to terms and conditions set out in the contract. Bondloc warrants only that it's product will meet those specifications designated as such here in or in other publications. All other information supplied by Bondloc is considered accurate but are furnished on the expressed condition the customer shall make its own assesment to determine the products' suitability for a particular purpose. Bondloc makes no other warrenty, either expressed or implied, including those regarding such other information, the data upon which the same is based, all the results to be obtained from the use there of; that any product shall be merchantable or fit for any particular purpose; all that the use of such other information or products will not infringe any patent.