

SAFETY DATA SHEET B270

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

1.1. Product identifier

Product name B270
Container size 10ml bottle 25ml bottle 50ml 250ml bottle

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

Identified uses 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; STOT SE 3 - H335
Environment Not classified.

Classification (1999/45/EEC)

Xi; R36/37/38.

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

2.2. Label elements

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



Signal Word Warning

Hazard Statements

H315 Causes skin irritation.
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.
P501 Dispose of contents/container in accordance with local regulations.

Supplementary Precautionary Statements

P261 Avoid breathing vapour/spray.

B270

P264 Wash contaminated skin thoroughly after handling.
 P321 Specific treatment (see medical advice on this label).
 P302+352 IF ON SKIN: Wash with plenty of soap and water.
 P304+340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
 P312 Call a POISON CENTER or doctor/physician if you feel unwell.
 P332+313 If skin irritation occurs: Get medical advice/attention.
 P337 If eye irritation persists:
 P362 Take off contaminated clothing and wash before reuse.
 P403+233 Store in a well-ventilated place. Keep container tightly closed.
 P405 Store locked up.

Supplemental label information

EUH208 Contains 2-HYDROXYPROPYL METHACRYLATE. May produce an allergic reaction.

2.3. Other hazards

No data available / Not applicable

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

1,2,3,4-TETRAHYDROQUINOLINE	1-5%
CAS-No.: 635-46-1	EC No.: 211-237-6
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335	Classification (67/548/EEC) Xi;R36/37/38.
2-HYDROXYPROPYL METHACRYLATE	< 1%
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	1-5%
CAS-No.: 80-15-9	EC No.: 201-254-7

B270

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
------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------

POLYETHYLENE GLYCOL 200 DIMETHACRYLATE		60-100%
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

Do not induce vomiting. Drink plenty of water. Beware of aspiration if vomiting occurs

Skin contact

Rinse with running water and soap Remove contaminated clothing. If skin irritation continues, consult a doctor

Eye contact

Rinse immediately with plenty of running water (for 10 minutes). Seek immediate medical advice

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

Skin contact

Prolonged or repeated contact may cause skin irritation

Eye contact

No further relevant information available

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

Alcohol resistant foam. Carbon dioxide or dry powder.

Unsuitable extinguishing media

Direct water jets

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

Toxic fumes are produced in fire Oxides of: Carbon dioxide (CO₂). Nitrogen.

Specific hazards

Oxides of: Carbon. Nitrogen.

5.3. Advice for firefighters

Special Fire Fighting Procedures

Water spray should be used to cool containers.

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

Provide adequate ventilation. For personal protection, see section 8.

6.2. Environmental precautions

Prevent entry into drains.

6.3. Methods and material for containment and cleaning up

Absorb with sand or other inert absorbent. Sweep up and shovel into suitable containers for disposal.

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 Wash hands before work breaks and after finishing work. Avoid breathing vapour and mist

7.2. Conditions for safe storage, including any incompatibilities

Do not store at temperatures above 38 C Store in tightly closed original container in a dry, cool and well-ventilated place. Store out of direct sunlight Store in tightly closed, labelled containers. Can be stored in LDPE containers. Do not allow contact to or store in Aluminium Mild steel rusty steel copper (or alloys of) tin vessels

7.3. Specific end use(s)

Anaerobic Sealant

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

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
CUMENE	WEL	25 ppm(Sk)	125 mg/m3(Sk)	50 ppm(Sk)	250 mg/m3(Sk)	

WEL = Workplace Exposure Limit.

Biological Limit Values

none

8.2. Exposure controls**Respiratory equipment**

Use only in well ventilated areas In case of intensive or longer exposure use self-contained respiratory protective device Filter type: A

Hand protection

Use protective gloves made of: Polyethylene. Neoprene. Nitrile. Not Suitable: Polyvinyl chloride (PVC). Rubber (natural, latex).

Eye protection

Wear approved safety goggles. A suitable emergency eye wash station should be located near the work station

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	Liquid
Colour	Green.
Odour	Slightly Sweet
Solubility	Low Solubility Miscible with: Organic solvents
Initial boiling point and boiling range	
	Not applicable.
Melting point (°C)	
	Not applicable.
Vapour density (air=1)	
	Not available.
Vapour pressure	-0.1 mm Hg 20
Evaporation rate	
	Not available.
pH-Value, Conc. Solution	-3-5
Viscosity	
	Not available.

Decomposition temperature (°C)

Not available.

Odour Threshold, Lower

Not available.

Odour Threshold, Upper

Not available.

Flash point

>100 C

Auto Ignition Temperature (°C)

Not available.

Flammability Limit - Lower(%)

Not applicable.

Non-flammable

Flammability Limit - Upper(%)

Not applicable.

Non-flammable

**Partition Coefficient
(N-Octanol/Water)**

Not available.

Explosive properties

Not determined.

Oxidising properties

Not determined.

9.2. Other information

No data available / Not applicable

SECTION 10: STABILITY AND REACTIVITY**10.1. Reactivity**

Oxidising agents free-radical initiators reducing metal oxides

10.2. Chemical stability

Stable under recommended storage conditions

10.3. Possibility of hazardous reactions

See section reactivity

10.4. Conditions to avoid

Elevated temperatures, direct sunlight, sources of ignition, low oxygen environments. Hazardous exothermic polymerisation can occur if exposed to elevated temperatures for periods of time Air Space/oxygen above the product is vital to keep formulatory inhibitors active

10.5. Incompatible materials**Materials To Avoid**

Do not allow contact with or store in: Aluminium mild steel rusty steel copper alloys of tin

10.6. Hazardous decomposition products

Combustion/exothermic polymerisation will generate oxides of carbon, acrid smoke and irritating fumes

SECTION 11: TOXICOLOGICAL INFORMATION**11.1. Information on toxicological effects****Toxicological information**

See section 3

Carcinogenicity:

Not tested, but not anticipated

Reproductive Toxicity:

Not tested, but not anticipated

Inhalation

Mild irritation of nose and throat

Ingestion

This material is considered to have a low toxicity if swallowed

Skin contact

Sensitisation - not tested but not anticipated

Eye contact

.

SECTION 12: ECOLOGICAL INFORMATION**Ecotoxicity**

Not classified as Dangerous for the Environment by the Conventional Method as detailed in Schedule 3, Parts I and III of CHIP3 Regulations

12.1. Toxicity

Do not empty into drains / surface water / ground water

12.2. Persistence and degradability

Considered to be biodegradable - testing of one major (non-declarable) component gave a biodegradability result of 85% after 28 days

12.3. Bioaccumulative potential**Bioaccumulative potential**

Expected to be low

Partition coefficient

Not available.

12.4. Mobility in soil**Mobility:**

Considered to be relatively low due to low water solubility

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 Do not discharge into drains or watercourses.

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**15.2. Chemical Safety Assessment**

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Date	22/02/13
Risk Phrases In Full	
R34	Causes burns.
R10	Flammable.
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.