

SAFETY DATA SHEET B2060 (HARDENER)

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

1.1. Product identifier

Product name B2060 (HARDENER)
Container size 28ml

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

Identified uses 2 Part Adhesive

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 Corr. 1B - H314
Environment	Not classified.

Classification (1999/45/EEC) C;R34.

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

2.2. Label elements

Contains POLYMAINE-POLYMERCAPTAN BLEND
Label In Accordance With (EC) No. 1272/2008



Signal Word	Danger	
Hazard Statements	H314	Causes severe skin burns and eye damage.
Precautionary Statements	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.
	P310	Immediately call a POISON CENTER or doctor/physician.
	P501	Dispose of contents/container in accordance with local regulations.
Supplementary Precautionary Statements	P260	Do not breathe vapour/spray.
	P264	Wash contaminated skin thoroughly after handling.
	P321	Specific treatment (see medical advice on this label).

B2060 (HARDENER)

P301+330+331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+361+353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+340	IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P363	Wash contaminated clothing before reuse.
P405	Store locked up.

2.3. Other hazards

No data available / Not applicable

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

POLYMAINE-POLYMERCAPTAN BLEND		60-100%
Classification (EC 1272/2008) Skin Corr. 1B - H314	Classification (67/548/EEC) C;R34.	

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

General information

If you feel unwell, seek medical advice (show the label where possible)

Inhalation

Fresh air. If required, provide artificial respiration If symptoms persist, seek medical advice

Ingestion

Do not induce vomiting. Get medical attention. Never give anything by mouth to an unconscious person

Skin contact

Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Wash contaminated clothing before re-use

Eye contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes Seek immediate medical advice

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

Inhalation.

Inhalation of vapours is irritating to the respiratory system, may cause throat pain and a cough

Ingestion

May cause gastrointestinal irritation, nausea, vomiting and diarrhoea.

Skin contact

May cause Skin irritation. Allergic reactions are possible

Eye contact

Causes Irritation to eyes

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, Dry chemical, Foam

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

Burning produces irritating, toxic and obnoxious fumes

5.3. Advice for firefighters

Protective equipment for fire-fighters

Wear suitable respiratory equipment when necessary

B2060 (HARDENER)

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Do not allow to enter drains, sewers or watercourses.

6.3. Methods and material for containment and cleaning up

Absorb with sand or other inert absorbent. Transfer liquids to covered and labelled metal containers for recovery or disposal, or remove with inert absorbent. Flush with plenty of water to clean spillage area.

6.4. Reference to other sections

For personal protection, see section 8. See section 7 for information on safe handling. See advice in section 8

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid contact with skin and eyes. Provide good ventilation. Avoid inhalation of vapours and spray mists.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep containers tightly closed.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

8.2. Exposure controls

Protective equipment



Engineering measures

Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction.

Respiratory equipment

Wear suitable respiratory protection.

Hand protection

Protective gloves are recommended. Use protective gloves made of: Polyvinyl chloride (PVC). Neoprene. Nitrile.

Eye protection

Wear approved safety goggles.

Personal protection

Wear protective clothing

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Liquid
Colour	Yellow.
Odour	Mercaptan
Solubility	Disperses.
Initial boiling point and boiling range	Not available.
Melting point (°C)	Not determined.
Vapour density (air=1)	>1
Vapour pressure	Not determined.

B2060 (HARDENER)

Evaporation rate <1 (butyl acetate = 1)

pH-Value, Conc. Solution

Not determined.

Viscosity

Not available.

Decomposition temperature (°C)

Not available.

Odour Threshold, Lower

Not available.

Odour Threshold, Upper

Not available.

Flash point >95

Auto Ignition Temperature (°C)

Not available.

Flammability Limit - Lower(%)

Not available.

Flammability Limit - Upper(%)

Not available.

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

Not determined.

Explosive properties

Not available.

Oxidising properties

Not available.

9.2. Other information

No data available / Not applicable

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

Stable at normal conditions

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

See section reactivity

10.4. Conditions to avoid

Excessive heat

10.5. Incompatible materials

Materials To Avoid

Strong oxidisers Acids Amines.

10.6. Hazardous decomposition products

Oxides of: Carbon. Nitrogen. Hydrogen sulphide (H₂S). Sulphur.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Specific target organ toxicity - repeated exposure:

Target Organs

Eyes Skin Respiratory system, lungs Gastro-intestinal tract

Inhalation

Causes burns

Ingestion

Can burn mouth, throat and stomach

B2060 (HARDENER)

Skin contact

Can cause severe skin irritation or burns May cause allergic reaction

Eye contact

May cause severe eye irritation with pain, swelling, redness and excessive blinking and tear production. May cause permanent visual impairment

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

There are no data on the ecotoxicity of this product.

12.1. Toxicity

No data is available on the product itself

12.2. Persistence and degradability

No further relevant information available

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

Partition coefficient

Not determined.

12.4. Mobility in soil

Mobility:

No further relevant information available

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 waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

General

Classified as hazardous

Road Transport Notes

Limited Quantity; LQ19

14.1. UN number

UN No. (ADR/RID/ADN)

3267

UN No. (IMDG)

UN3267

14.2. UN proper shipping name

Proper Shipping Name

Corrosive liquid, basic, organic n.o.s., (Mercaptan/amine blend)

Proper Shipping Name

Corrosive liquid, basic, organic n.o.s., (Mercaptan/amine blend) limited qty

14.3. Transport hazard class(es)

ADR/RID/ADN Class

8

IMDG Class

8

14.4. Packing group

B2060 (HARDENER)

ADR/RID/ADN Packing group III

IMDG Packing group III

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

14.6. Special precautions for user

Not available.

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

Not relevant

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.

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.

Hazard Statements In Full

H314 Causes severe skin burns and eye damage.

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.