

**SAFETY DATA SHEET
B2030 (HARDENER)**

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

1.1. Product identifier

Product name B2030 (HARDENER)
Container size 28ml 50ml

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	Acute Tox. 4 - H302; Acute Tox. 4 - H312; Acute Tox. 4 - H332; Eye Irrit. 2 - H319; STOT SE 3 - H335
Environment	Aquatic Chronic 2 - H411

Classification (1999/45/EEC)

Xn; R20/21/22. Xi; R36/37. N; R51/53.

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

Human health

Not classified as hazardous

2.2. Label elements

Contains MERCAPTAN AMINE BLEND

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



Signal Word

Warning

Hazard Statements

H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H411	Toxic to aquatic life with long lasting effects.

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Precautionary Statements

P271	Use only outdoors or in a well-ventilated area.
P273	Avoid release to the environment.
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

P270	Do not eat, drink or smoke when using this product.
P261	Avoid breathing vapour/spray.
P264	Wash contaminated skin thoroughly after handling.
P301+312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
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.
P322	Specific measures (see ... on this label).
P330	Rinse mouth.
P337	If eye irritation persists:
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.
P403+233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.

2.3. Other hazards

No data available / Not applicable

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

MERCAPTAN AMINE BLEND		30-60%
CAS-No.:	EC No.:	
Classification (EC 1272/2008)	Classification (67/548/EEC)	
Acute Tox. 4 - H302	Xn;R20/21/22.	
Acute Tox. 4 - H312	Xi;R36/37.	
Acute Tox. 4 - H332	N;R51/53.	
Eye Irrit. 2 - H319		
STOT SE 3 - H335		
Aquatic Chronic 2 - H411		

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 in case of accidental inhalation of vapours If not breathing, give artificial respiration or give oxygen by trained personnel. Get medical attention.

Ingestion

DO NOT INDUCE VOMITING! Slowly dilute with 1-2 glasses of water or milk and seek medical attention Never give anything by mouth to an unconscious person

Skin contact

Remove contaminated clothes and rinse skin thoroughly with water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues. Wash contaminated clothes before reuse

Eye contact

Flush with plenty of water for at least 20 minutes, occasionally lifting the upper and lower eyelids. Seek immediate medical advice

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

General information

No further relevant information available

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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

Oxides of: Carbon. Nitrogen. Sulphur.

Unusual Fire & Explosion Hazards

Irritating or toxic gases or fumes may be generated by thermal decomposition or combustion

5.3. Advice for firefighters

Special Fire Fighting Procedures

No specific fire fighting procedure given.

Protective equipment for fire-fighters

Wear self-contained respiratory protective device

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

For personal protection, see section 8. Maintain good ventilation

6.2. Environmental precautions

Collect and dispose of spillage as indicated in section 13.

6.3. Methods and material for containment and cleaning up

Take up with an inert absorbent Store in a closed waste container until disposal

6.4. Reference to other sections

See section 7 for information on safe handling.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Use only in well ventilated areas Avoid contact with skin and eyes. Avoid inhalation of vapours. Wash hands before work breaks and after finishing work.

7.2. Conditions for safe storage, including any incompatibilities

Store in a cool, dry area

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



Respiratory equipment

Local exhaust ventilation as necessary to control any air contaminants to within their exposure limits (or to the lowest feasible levels when limits have not been established) during the use of this product An approved organic vapor respirator should be worn when exposures are expected to exceed the applicable limits

Hand protection

Neoprene gloves are recommended. Nitrile.

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Eye protection

Wear approved safety goggles.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Viscous liquid.
Colour	Not entered.
Odour	Mercaptan
Solubility	Negligible
Initial boiling point and boiling range	
Not determined.	
Melting point (°C)	
Not available.	
Vapour density (air=1)	
Not determined.	
Vapour pressure	<1.0 mm Hg
Evaporation rate	
Not determined.	
pH-Value, Conc. Solution	9.5 (5% solution or slurry in water)
Viscosity	
Not available.	
Decomposition temperature (°C)	
Not available.	
Odour Threshold, Lower	
Not available.	
Odour Threshold, Upper	
Not available.	
Flash point	>93
Auto Ignition Temperature (°C)	
Not available.	
Flammability Limit - Lower(%)	
Not available.	
Flammability Limit - Upper(%)	
Not available.	
Partition Coefficient (N-Octanol/Water)	
Not available.	
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

Hazardous Polymerisation

Hazardous polymerisation does not occur

10.4. Conditions to avoid

Excessive heat

10.5. Incompatible materials

Materials To Avoid

Strong oxidising substances. Reactive metals Acids Materials reactive with hydroxyl compounds, Sodium.calcium hypochlorite, Peroxides

10.6. Hazardous decomposition products

Oxides of: Carbon. Nitrogen. Sulphur.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information

See section 3

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 available.

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

14.1. UN number

UN No. (ADR/RID/ADN) 3267

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant

No.

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14.6. Special precautions for user

Not known.

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

No data available / 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.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Revision Date 4/12/2013

Risk Phrases In Full

R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
R36/37 Irritating to eyes and respiratory system.
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.
H332 Harmful if inhaled.
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H335 May cause respiratory irritation.
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.