



SAFETY DATA SHEET
BAL EASYPOXY AG HARDENER/FILLER

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

1.1. Product identifier

Product name BAL EASYPOXY AG HARDENER/FILLER

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

Identified uses As part of an epoxy resin based adhesive or grout.
Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Supplier Building Adhesives Ltd
Longton Road,
Trentham,
Stoke on Trent
ST4 8JB
01782 591100

Contact Person sdsreply@building-adhesives.com

1.4. Emergency telephone number

01782 591100 (7am-8pm)

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; Skin Sens. 1 - H317
Environment	Aquatic Chronic 2 - H411

Classification (1999/45/EEC)

C;R34. R43. N;R51/53.

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

Human health

Corrosive. Prolonged contact causes serious eye and tissue damage.

Environment

Contains a substance which causes risk of hazardous effects to the environment.

2.2. Label elements

Contains 1,3- Cyclohexanedimethanamine
Fatty acids, C18 unsat, dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine

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



Signal Word

Danger

Hazard Statements

H314	Causes severe skin burns and eye damage.
H317	May cause an allergic skin reaction.
H411	Toxic to aquatic life with long lasting effects.

Precautionary Statements

P102	Keep out of reach of children.
P501	Dispose of contents/container in accordance with local regulations.

BAL EASYPOXY AG HARDENER/FILLER

Supplementary Precautionary Statements

P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P260	Do not breathe vapour/spray.
P261	Avoid breathing vapour/spray.
P264	Wash contaminated skin thoroughly after handling.
P321	Specific treatment (see medical advice on this label).
P301+330+331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P302+352	IF ON SKIN: Wash with plenty of soap and water.
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.
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.
P333+313	If skin irritation or rash occurs: Get medical advice/attention.
P363	Wash contaminated clothing before reuse.
P391	Collect spillage.
P405	Store locked up.

2.3. Other hazards

This product does not contain any PBT or vPvB substances.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

1,3- Cyclohexanedimethanamine	1-5%
CAS-No.: 2579-20-6	EC No.: 219-941-5
Classification (EC 1272/2008) Acute Tox. 4 - H302 Skin Corr. 1B - H314 Skin Sens. 1 - H317	Classification (67/548/EEC) Xn;R22. C;R34. R43.
Fatty acids, C18 unsat, dimers, oligomeric reaction products with tall-oil fatty acids and triethylenetetramine	10-30%
CAS-No.: 68082-29-1	EC No.:
Classification (EC 1272/2008) Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317 Aquatic Chronic 2 - H411	Classification (67/548/EEC) Xi;R38,R41. N;R51/53. R43.

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

Remove victim immediately from source of exposure. If breathing stops, provide artificial respiration. Keep the affected person warm and at rest. Get prompt medical attention.

Ingestion

DO NOT induce vomiting. Get medical attention immediately. Immediately rinse mouth and provide fresh air. Drink plenty of water.

Skin contact

Remove affected person from source of contamination. Remove contaminated clothing. Continue to rinse for at least 15 minutes and seek medical attention. Wash the skin immediately with soap and water. Get medical attention promptly if symptoms occur after washing.

BAL EASYPOXY AG HARDENER/FILLER

Eye contact

Remove victim immediately from source of exposure. Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes and get medical attention.

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

General information

No further information available.

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

Treat Symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Fire can be extinguished using: Water spray, dry powder or carbon dioxide. Larger fires: Alcohol resistant foam. Water spray.

Unsuitable extinguishing media

Water with a full water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products

In case of fire, toxic gases (CO, CO₂, NO_x) may be formed.

Unusual Fire & Explosion Hazards

Fire causes formation of toxic gases.

Specific hazards

In case of fire, toxic and corrosive gases may be formed.

5.3. Advice for firefighters

Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

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

6.2. Environmental precautions

Do not allow ANY environmental contamination.

6.3. Methods and material for containment and cleaning up

DO NOT TOUCH SPILLED MATERIAL! Shovel into dry containers. Cover and move the containers. Flush the area with water.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Avoid spilling, skin and eye contact.

7.2. Conditions for safe storage, including any incompatibilities

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

Storage Class

Corrosive storage.

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

BAL EASYPOXY AG HARDENER/FILLER

Ingredient Comments

WEL = Workplace Exposure Limits

8.2. Exposure controls

Protective equipment



Process conditions

Provide eyewash, quick drench.

Engineering measures

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Respiratory equipment

If ventilation is insufficient, suitable respiratory protection must be provided.

Hand protection

Use protective gloves. Nitrile gloves are recommended.

Eye protection

Wear approved safety goggles.

Other Protection

Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Damp powder
Colour	Light brown.
Odour	Amine.
Solubility	Immiscible with water
Initial boiling point and boiling range (°C)	>200 760 mm Hg
Melting point (°C)	
Not applicable.	
Explosive properties	
Not applicable.	

9.2. Other information

Not available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

10.2. Chemical stability

Stable under normal temperature conditions.

10.3. Possibility of hazardous reactions

Not known.

10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time.

10.5. Incompatible materials

Materials To Avoid

Strong oxidising substances.

BAL EASYPOXY AG HARDENER/FILLER

10.6. Hazardous decomposition products

During fire, toxic gases (CO, CO₂, NO_x) are formed.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxic Dose 1 - LD 50
700 mg/kg (oral rat)

Acute toxicity:

Acute Toxicity (Dermal LD50)
~ 1465 mg/kg Rat

Skin Corrosion/Irritation:

Corrosive to skin.

Serious eye damage/irritation:

Skin corrosive; corrosivity to eyes is assumed. No testing is needed.

Inhalation

Vapour may irritate respiratory system or lungs.

Ingestion

Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.

Skin contact

May cause skin irritation/eczema.

Eye contact

Causes burns.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The product contains a substance which causes risk of hazardous effects to the environment.

12.1. Toxicity

Acute Toxicity - Fish
LC50 96 hours > 200 mg/l *Leuciscus idus* (Golden orfe)

12.2. Persistence and degradability

No information available.

12.3. Bioaccumulative potential

Bioaccumulative potential
No data available on bioaccumulation.

12.4. Mobility in soil

Mobility:
The product has poor 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 known.

SECTION 13: DISPOSAL CONSIDERATIONS

General information

Waste is classified as hazardous waste. Disposal to licensed waste disposal site in accordance with the local Waste Disposal Authority.

BAL EASYPOXY AG HARDENER/FILLER

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. After curing, the product can be disposed of with household waste.

SECTION 14: TRANSPORT INFORMATION

Air Transport Notes Forbidden for passenger and cargo aircraft.

14.1. UN number

UN No. (ADR/RID/ADN) 2735
UN No. (IMDG) 2735
UN No. (ICAO) 2735

14.2. UN proper shipping name

Proper Shipping Name POLYAMINES, LIQUID, CORROSIVE, N.O.S

14.3. Transport hazard class(es)

ADR/RID/ADN Class 8
ADR/RID/ADN Class Class 8: Corrosive substances.
ADR Label No. 8
IMDG Class 8
ICAO Class/Division 8
Transport Labels



14.4. Packing group

ADR/RID/ADN Packing group III
IMDG Packing group III
ICAO Packing group III

14.5. Environmental hazards

14.6. Special precautions for user

EMS F-A, S-B
Emergency Action Code 2X
Hazard No. (ADR) 80
Tunnel Restriction Code (E)

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

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code Of Practice

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

BAL EASYPOXY AG HARDENER/FILLER

Guidance Notes

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Revision Comments

1	
Issued By	Technical Manager
Revision Date	22.05.15
Risk Phrases In Full	
R34	Causes burns.
R22	Harmful if swallowed.
R38	Irritating to skin.
R43	May cause sensitisation by skin contact.
R41	Risk of serious damage to eyes.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Hazard Statements In Full

H318	Causes serious eye damage.
H314	Causes severe skin burns and eye damage.
H315	Causes skin irritation.
H302	Harmful if swallowed.
H317	May cause an allergic skin reaction.
H411	Toxic to aquatic life with long lasting effects.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information 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. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.