

Created: 27 Feb 2022

SAFETY DATA SHEET

This Safety Data Sheet is provided in compliance with the EC Regulation 1907/2006-2015/830

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

- Product Name: Keyfix E - Base
- Product Part Number: C12/03/04/015Bjo

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

- Use of the substance/mixture: Base part of Epoxy resin cartridge system for anchoring

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Ayla for Building Materials Industry & Trade
- Address of Supplier: Al-Karadeh, Arsat Al-Hindia
Baghdad
- Telephone: + 964 790 1488 730
- Email: info.iraq@dcp-int.com

1.4 Emergency telephone number

- Emergency Telephone: + 964 790 1488 730 (available during work hours)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Skin Sens. 1, Skin Irrit. 2, Eye Irrit. 2, Aquatic Chronic 2

2.2 Label elements



- Signal Word: Warning
- Hazard statements
 - H315 - Causes skin irritation.
 - H319 - Causes serious eye irritation.
 - H317 - May cause an allergic skin reaction.
 - H411 - Toxic to aquatic life with long lasting effects.
- Precautionary statements
 - P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
 - P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

SECTION 2: Hazards identification (....)

- contact lenses, if present and easy to do. Continue rinsing.
- P280 - Wear protective gloves/protective clothing/eye protection/face protection.
- P273 - Avoid release to the environment.
- P264 - Wash thoroughly after handling
- P337+P313 - If eye irritation persists: Get medical advice/attention.
- P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
- P201 - Obtain special instructions before use.
- P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
- P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
- P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P391 - Collect spillage.
- P363 - Wash contaminated clothing before reuse.
- P391 - Collect spillage.
- P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
- P272 - Contaminated work clothing should not be allowed out of the workplace.

2.3 Other hazards

- Contains: Reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight \leq 700)

SECTION 3: Composition/information on ingredients

3.2 Mixtures

- reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight \leq 700)

CAS Number:	25068-38-6
EC Number:	500-033-5
Concentration:	40 - 60%
Categories:	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, Aquatic Chronic 2
Symbols:	GHS07, GHS09
H Statements:	H319, H315, H317, H411
Specific Concentration Limits:	Eye Irrit. 2; H319: C \geq 5 % Skin Irrit. 2; H315: C \geq 5 %
- Formaldehyde, oligomeric reaction products with 1-chloro-2,3-epoxypropane and phenol

CAS Number:	9003-36-5
EC Number:	500-006-8
Concentration:	5 - 15%
Categories:	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, Aquatic Chronic 2
Symbols:	GHS09, GHS07
H Statements:	H315, H319, H317, H411
Specific Concentration Limits:	
- oxirane, mono[(C12-14-alkyloxy)methyl] derivs.

SECTION 3: Composition/information on ingredients (....)

CAS Number: 68609-97-2
EC Number: 271-846-8
Concentration: 5 - 15%
Categories: Skin Irrit. 2, Skin Sens. 1
Symbols: GHS07
H Statements: H315, H317

- 1-methoxy-2-propanol; monopropylene glycol methyl ether

CAS Number: 107-98-2
EC Number: 203-539-1
Concentration: 1 - 5%
Categories: STOT SE 3
Symbols: GHS02, GHS07
H Statements: H226, H336

SECTION 4: First aid measures

4.1 Description of first aid measures

- Inhalation
IF INHALED: Remove person to fresh air and keep comfortable for breathing.
Get medical advice/attention if you feel unwell.
- Contact with skin
IF ON SKIN: Wash with plenty of soap and water.
If skin irritation or rash occurs: Get medical advice/attention.
Wash contaminated clothing before reuse.
- Contact with eyes
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
- Ingestion
Do NOT induce vomiting.
If swallowed, rinse mouth with water (only if the person is conscious)
Get immediate medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

- May cause allergic reaction in susceptible people

4.3 Indication of any immediate medical attention and special treatment needed

- Treat symptomatically

SECTION 5: Firefighting measures

SECTION 5: Firefighting measures (....)

5.1 Extinguishing media

- Extinguish with foam, carbon dioxide, dry powder or water spray.
- Do not use water jets

5.2 Special hazards arising from the substance or mixture

- Nitrogen and carbon oxides may be formed

5.3 Advice for firefighters

- Wear self contained breathing apparatus and full protective clothing
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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Wear suitable protective clothing
- Ensure adequate ventilation
- Avoid contact with skin and eyes

6.2 Environmental precautions

- Avoid release to the environment.
- Prevent further spillage if safe
- Do not allow to enter public sewers and watercourses

6.3 Methods and material for containment and cleaning up

- Avoid release to the environment.
- Collect as much as possible in clean container for reuse or disposal
- Contain spillage with sand, earth or other non-combustible material.
- Place in appropriate container
- Wear suitable protective clothing, eye/face protection and gloves
- This material and its container must be disposed of as hazardous waste

6.4 Reference to other sections

- See Section 8, 13
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SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Avoid contact with skin and eyes
- Do not eat, drink or smoke when using this product.
- Ensure adequate ventilation
- Wash thoroughly after handling.
- Contaminated work clothing should not be allowed out of the workplace.
- Avoid release to the environment.
- Wear protective gloves/protective clothing/eye protection/face protection.

7.2 Conditions for safe storage, including any incompatibilities

SECTION 7: Handling and storage (....)

- Keep away from food, drink and animal feedingstuffs
- Store in original, correctly labelled and tightly closed containers
- Store in a dry environment away from direct sunlight.
- Store in a cool, dry, well ventilated area.
- Protect from frost

7.3 Specific end use(s)

- No information available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- No information available

8.2 Exposure controls



- Ensure adequate ventilation
- Avoid contact with skin and eyes
- Contaminated work clothing should not be allowed out of the workplace.
- Do not eat, drink or smoke when using this product.
- In case of inadequate ventilation wear respiratory protection.
- Keep away from food, drink and animal feedingstuffs
- Wash thoroughly after handling.
- Wear protective gloves/protective clothing/eye protection/face protection.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- Appearance: White, paste
- Odour: Characteristic odour
- Boiling Point/Range: No information available
- Flashpoint: No information available
- pH: No information available
- Specific Gravity: 1.25 ± 0.02
- Solubility in water: Immiscible with water

9.2 Other information

- No information available

SECTION 10: Stability and reactivity

SECTION 10: Stability and reactivity (....)

10.1 Reactivity

- No hazardous reactions known if used for its intended purpose

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

Under normal conditions of storage and use, hazardous reactions will not occur. Considerable exothermic reaction can occur when mixed with epoxide hardeners.

10.4 Conditions to avoid

- Avoid freezing.
- Avoid exposure to high temperature or direct sunlight.

10.5 Incompatible materials

- Incompatible with acids and alkalis
- Incompatible with oxidizing substances

10.6 Hazardous decomposition products

- Decomposition products may include nitrogen and carbon oxides
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SECTION 11: Toxicological information

11.1 Information on toxicological effects

- No information available
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SECTION 12: Ecological information

12.1 Toxicity

- No information available

12.2 Persistence and degradability

- No information available

12.3 Bioaccumulative potential

- No information available

12.4 Mobility in soil

- immiscible with water

12.5 Results of PBT and vPvB assessment

- No information available

12.6 Other adverse effects

- No information available
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SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Avoid release to the environment. Refer to special instructions/Safety data sheets
- Disposal should be in accordance with local, state or national legislation
- Dispose of contents/container to an authorised waste collection point.
- Do not empty into drains - dispose of this material and container in a safe way

Small quantities of product may be treated with an equivalent quantity of product hardener, allowed to cure and disposed of as low hazard waste. Large quantities should be disposed of via licensed waste operators to an approved incineration unit. Product containers must not be re-used without commercial cleaning.

SECTION 14: Transport information



14.1 Air (ICAO/IATA)

- ICAO UN No.: 3082
- Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
- ICAO Hazard Class: 9
- ICAO Packing Group: III

14.2 Road/Rail (ADR/RID)

- ADR UN No.: 3082
- Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
- ADR Hazard Class: 9

14.3 Sea (IMDG)

- IMDG UN No.: 3082
- Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.
- IMDG Hazard Class: 9
- IMDG Pack Group.: III

14.4 Environmental hazards

- Marine Pollutant

14.5 Special precautions for user

- No information available

14.6 Transport in bulk according to Annex II of Marpol and the IBC Code

- No information available
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SECTION 15: Regulatory information

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SECTION 15: Regulatory information (....)

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

- This Safety Data Sheet is provided in compliance with the EC Regulation 1907/2006-2015/830

15.2 Chemical safety assessment

- A REACH chemical safety assessment has not been carried out
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SECTION 16: Other information

Text not given with phrase codes where they are used elsewhere in this safety data sheet:- H226: Flammable liquid and vapour. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H319: Causes serious eye irritation. H336: May cause drowsiness or dizziness. H411: Toxic to aquatic life with long lasting effects.

The information supplied in this Safety Data Sheet is designed only as guidance for the safe use, storage and handling of the product. This information is correct to the best of our knowledge and belief at the date of publication however no guarantee is made to its accuracy. 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 other process.

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