
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 AE15 - Base
- Product Part Number: C00/03/04/036B

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

- Use of the substance/mixture: Resin part of Epoxy acrylate 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: Eye Irrit. 2, Aquatic Chronic 3, Skin Sens. 1

2.2 Label elements



- Signal Word: Warning
- Hazard statements
H319 - Causes serious eye irritation.

SECTION 2: Hazards identification (....)

H317 - May cause an allergic skin reaction.

H412 - Harmful to aquatic life with long lasting effects.

- Precautionary statements

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P362+P364 - Take off contaminated clothing and wash it before reuse.

P501 - Dispose of contents/container to an authorised waste collection point

P273 - Avoid release to the environment.

P302+P352 - IF ON SKIN: Wash with plenty of soap and water.

Contains:

2-HYDROXYPROPYL METHACRYLATE

Labelling notes:

The product is not flammable.

On basis of test data.

UN Test N.1 and ASTM D4359-90

2.3 Other hazards

- None

SECTION 3: Composition/information on ingredients

3.2 Mixtures

- Methacrylic acid, monoester with propane-1,2-diol

CAS Number: 27813-02-1

EC Number: 248-666-3

Concentration: 5 - 10%

Categories: Eye Irrit. 2, Skin Sens. 1

Symbols: GHS07

H Statements: H317, H319

- Vinyltoluene

CAS Number: 25013-15-4

EC Number: 246-562-2

Concentration: 5 - 10%

Categories: Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, Aquatic Chronic 2

Symbols: GHS07, GHS09

H Statements: H226, H315, H319, H332, H304, H411

- titanium dioxide

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

CAS Number: 13463-67-7
EC Number: 236-675-5
Concentration: 0.5 - 1.0%
Categories: Not Classified
Symbols: None
H Statements: None

SECTION 4: First aid measures**4.1 Description of first aid measures**

- Wash contaminated clothing before reuse.
- Inhalation
Remove patient to fresh air
- Contact with skin
IF ON SKIN: Wash with plenty of soap and water.
If skin irritation or rash occurs: Get medical advice/attention.
- Contact with eyes
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Get immediate medical advice/attention.
- Ingestion
Never give anything by mouth to an unconscious person
Do not induce vomiting
Rinse mouth with water (do not swallow)
Get immediate medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

- Ingestion
May cause discomfort if swallowed.
- Contact with skin
Causes irritation
May cause allergic reaction in susceptible people
May cause burning sensation
- Contact with eyes
Causes irritation

4.3 Indication of any immediate medical attention and special treatment needed

- No information available

SECTION 5: Firefighting measures

5.1 Extinguishing media

- In case of fire use foam, carbon dioxide or dry agent

5.2 Special hazards arising from the substance or mixture

- Low hazard expected under normal conditions of use
- May give off noxious and toxic fumes in a fire

5.3 Advice for firefighters

- Wear self contained breathing apparatus and full protective clothing
 - Avoid breathing dust/fume/gas/mist/vapours/spray.
-

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Avoid contact with skin and eyes
- Wear suitable protective clothing

6.2 Environmental precautions

- Avoid release to the environment.

6.3 Methods and material for containment and cleaning up

- Collect as much as possible in clean container for reuse or disposal

6.4 Reference to other sections

- See Section 8 and 13
-

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Wash hands 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.
- Wash contaminated clothing before reuse.

7.2 Conditions for safe storage, including any incompatibilities

- Store in original, correctly labelled and tightly closed containers
- Store in a cool, dry, well ventilated area.
- Keep away from strong oxidisers, heat, flames and sources of ignition.

7.3 Specific end use(s)

- No information available
-

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- Methacrylic acid, monoester with propane-1,2-diol
DNEL (dermal): 4.2 mg/kg
DNEL (inhalational): 14.7 mg/m³
- Vinyltoluene
DNEL (inhalational): 37 mg/m³
- titanium dioxide
WEL (inhalable dust) (long term): 4 mg/m³
WEL (respirable dust) (long term): 10 mg/m³

8.2 Exposure controls



- Ensure adequate ventilation
- If practicable, engineering controls should be provided where airborne concentrations exceed exposure limits
- Wear goggles giving complete eye protection
- Wear suitable gloves
- Contaminated work clothing should not be allowed out of the workplace.
- 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: Beige paste
- Odour: Aromatic odour
- Boiling Point/Range: No information available
- pH: No information available
- Specific Gravity: 1.65 - 1.75
- Solubility in water: Insoluble in water

9.2 Other information

- None

SECTION 10: Stability and reactivity

10.1 Reactivity

- No hazardous reactions known if used for its intended purpose

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

- Reacts with organic peroxides

10.2 Chemical stability

- Considered stable under normal conditions

10.3 Possibility of hazardous reactions

- No hazardous reactions known if used for its intended purpose

10.4 Conditions to avoid

- Avoid overheating
- Keep away from heat

10.5 Incompatible materials

- Reacts with organic peroxides

10.6 Hazardous decomposition products

- Decomposition products may include carbon oxides
-

SECTION 11: Toxicological information

11.1 Information on toxicological effects

- Causes skin irritation.
 - May cause eye irritation
 - May disturb the eyes, skin and mucous membranes
 - Methacrylic acid, monoester with propane-1,2-diol
LD50 (oral,rat): 11,200 mg/kg
 - Vinyltoluene
LD50 (oral,rat): 2,255 mg/kg
LD50 (skin,rat): 4,500 mg/kg
 - titanium dioxide
LD50 (oral,rat): 5,000 mg/kg
-

SECTION 12: Ecological information

12.1 Toxicity

- Vinyltoluene
LC50 (fish): 23.4 mg/l (96 hr)
EC50 (Daphnia magna): 1.3 mg/l (48 hr)

12.2 Persistence and degradability

- No information available

12.3 Bioaccumulative potential

SECTION 12: Ecological information (....)

- No information available

12.4 Mobility in soil

- insoluble in water

12.5 Results of PBT and vPvB assessment

- No information available

12.6 Other adverse effects

- No information available
-

SECTION 13: Disposal considerations

13.1 Waste treatment methods

- Disposal should be in accordance with local, state or national legislation
-

SECTION 14: Transport information

14.1 Air (ICAO/IATA)

- Not classified as hazardous for transport

14.2 Road/Rail (ADR/RID)

- Not classified as hazardous for transport

14.3 Sea (IMDG)

- Not classified as hazardous for transport

14.4 Environmental hazards

- No information available

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
-

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
-

**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. H304: May be fatal if swallowed and enters airways. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H319: Causes serious eye irritation. H332: Harmful if inhaled. 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.

--- end of safety datasheet ---
