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## SAFETY DATA SHEET

This Safety Data Sheet is provided in compliance with the EC Regulations 1907/2006, 1272/2008, 2015/830 and 2020/878

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

#### 1.1 Product identifier

- Product Name: Keyfix AE100 - A
- Other means of Identification
- UFI: -
- Product Part Number: C01/03/04/014 - A

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

- Use of the substance/mixture: Resin for Epoxy acrylate anchoring system

#### 1.3 Details of the supplier of the safety data sheet

- Name of Supplier: Don Construction Products/Jordan
- Address of Supplier: P.O. Box 1117  
Amman  
11118 Jordan
- Telephone: +962 6 533 8891
- Fax: +962 6 533 8829
- Email: Info.jordan@dcp-int.com

#### 1.4 Emergency telephone number

- Emergency Telephone: +962 6 533 8891 (available during office hours)

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

- CLP: Skin Sens. 1, Acute Tox. 4, Eye Irrit. 2, Aquatic Chronic 3

#### 2.2 Label elements



- Signal Word: Warning

Hazard statements

## SECTION 2: Hazards identification (....)

H319 - Causes serious eye irritation.

H317 - May cause an allergic skin reaction.

### 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 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 hands 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.

P330 - Rinse mouth.

P363 - Wash contaminated clothing before reuse.

P301+P312 - IF SWALLOWED: Call a POISON CENTRE/doctor/ if you feel unwell.

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

P270 - Do not eat, drink or smoke when using this product.

P272 - Contaminated work clothing should not be allowed out of the workplace.

### 2.3 Other hazards

- Contains: 2,2'-ethylenedioxydiethyl dimethacrylate  
1,1'-(p-tolylimino)dipropan-2-ol  
REACTION MASS OF 2,2'-[(4-METHYLPHENYL)IMINO]BISETHANOL AND  
ETHANOL 2-[[2-(2-HYDROXYETHOXY)ETHYL](4-METHYLPHENYL)AMINO]-

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Vinyltoluene

CAS Number:	25013-15-4
EC Number:	246-562-2
Concentration:	< 10%
Categories:	Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, Aquatic Chronic 2
Specific Concentration Limits:	No information available
M factor:	No information available
Acute toxicity estimate:	Not available
Symbols:	GHS07, GHS09
H Statements:	H226, H315, H319, H332, H304, H411

#### 2,2'-ethylenedioxydiethyl dimethacrylate

CAS Number:	109-16-0
EC Number:	203-652-6
Concentration:	3 - 10%

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

Categories: Skin Sens. 1B  
 Specific Concentration Limits: No information available  
 M factor: No information available  
 Acute toxicity estimate: Not available  
 Symbols: GHS07  
 H Statements: H317

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

CAS Number: 27813-02-1  
 EC Number: 248-666-3  
 Concentration: 3 - 10%  
 Categories: Eye Irrit. 2, Skin Sens. 1  
 Specific Concentration Limits: No information available  
 M factor: No information available  
 Acute toxicity estimate: Not available  
 Symbols: GHS07  
 H Statements: H317, H319

**1,1'-(p-tolylimino)dipropan-2-ol**

CAS Number: 38668-48-3  
 EC Number: 254-075-1  
 Concentration: < 1%  
 Categories: Acute Tox. 2, Eye Irrit. 2, Aquatic Chronic 3  
 Specific Concentration Limits: No information available  
 M factor: No information available  
 Acute toxicity estimate: Not available  
 Symbols: GHS7, GHS06  
 H Statements: H300, H319, H412

**REACTION MASS OF 2,2'-[(4-METHYLPHENYL)IMINO]BISETHANOL AND ETHANOL 2-[[2-(2-HYDROXYETHOXY)ETHYL](4-METHYLPHENYL)AMINO]-**

CAS Number: -  
 EC Number: -  
 Concentration: < 1%  
 Categories: Acute Tox. 2, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Chronic 3  
 Specific Concentration Limits: No information available  
 M factor: No information available  
 Acute toxicity estimate: Not available  
 Symbols: GHS07, GHS05  
 H Statements: H302, H315, H318, H317, H412

**p-benzoquinone; quinone**

CAS Number: 106-51-4

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

EC Number:	203-405-2
Concentration:	< 1%
Categories:	Acute Tox. 3;Acute Tox. 3;STOT SE 3;Skin Irrit. 2;Eye Irrit. 2;Aquatic Acute 1
Specific Concentration Limits:	No information available
M factor:	10
Acute toxicity estimate:	Not available
Symbols:	GHS06, GHS09
H Statements:	H331, H301, H335, H315, H319, H400

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**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

After contact with skin, take off immediately all contaminated clothing, and wash immediately 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)  
Seek medical attention if ill effects occur

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

## Contact with eyes

Irritating to eyes

## Contact with skin

May cause allergic reaction in susceptible people

## Inhalation

No specific symptoms known.

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

**SECTION 4: First aid measures (....)**

- Treat symptomatically
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**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

- May give off noxious and toxic fumes in a fire
- Nitrogen and carbon oxides may be formed

## 5.3 Advice for firefighters

- Avoid breathing dust/fume/gas/mist/vapours/spray.
  - Do not allow run-off water to enter sewers and water sources.
  - Wear self contained breathing apparatus and full protective clothing
- 

**SECTION 6: Accidental release measures**

## 6.1 Personal precautions, protective equipment and emergency procedures

- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Avoid contact with skin and eyes
- Ensure adequate ventilation
- Wash thoroughly after dealing with spillage
- Wear suitable protective clothing

## 6.2 Environmental precautions

- Avoid release to the environment.
- Do not allow to enter public sewers and watercourses
- If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities
- Prevent further spillage if safe

## 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
- Dispose of this material as hazardous waste.
- Ensure adequate ventilation
- Soak up with inert absorbent
- Place in appropriate container
- Wear suitable protective clothing, eye/face protection and gloves

## 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

- Adopt best Manual Handling considerations when handling, carrying and dispensing.
- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Avoid contact with skin and eyes
- Do not eat, drink or smoke when using this product.
- Do not empty into drains
- Ensure adequate ventilation
- In case of inadequate ventilation wear respiratory protection.
- Keep away from food, drink and animal foodstuffs
- Store in original, correctly labelled and tightly closed containers
- Wash thoroughly after handling.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Wash contaminated clothing before reuse.
- Dispose of contents/container to an authorised waste collection point

### 7.2 Conditions for safe storage, including any incompatibilities

- Keep away from food, drink and animal feedingstuffs
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Store in original, correctly labelled and tightly closed containers

### 7.3 Specific end use(s)

- No information available
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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

- There are no recommended or established controls for this product

### 8.2 Exposure controls



- 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.
  - Ensure adequate ventilation
  - In case of inadequate ventilation wear respiratory protection.
  - Keep away from food, drink and animal feedingstuffs
  - Wash hands thoroughly after using this substance
  - Wear suitable protective clothing, eye/face protection and gloves
-

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- Physical state: Liquid
- Colour: Beige
- Appearance: Paste
- Odour: Characteristic odour
- Melting point/Range: Not available
- Boiling Point/Range: No information available
- Flammability: No information available
- Lower explosive limit: NA% (in air)
- Upper explosive limit: NA% (in air)
- Flashpoint: >93°C
- Autoignition Temperature: NA
- Decomposition temperature: NA
- pH: No information available
- Kinematic viscosity: NA mm<sup>2</sup>/s
- Solubility: Insoluble in water
- Vapour Pressure: Not available
- Density: 1.68 – 1.69
- Vapour Density: Not available
- Particle characteristics: NA
- VOC g/l: 171

### 9.2 Other information

#### 9.2.1 Information with Regard to Physical Hazard Classes

No Information Available

#### 9.2.2 Other Safety Characteristics

No Information Available

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## 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

- No hazardous reactions known if used for its intended purpose

### 10.4 Conditions to avoid

- No known conditions that are likely to result in a hazardous reaction/situation.

### 10.5 Incompatible materials

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

- No known incompatibilities when used for intended purposes.

## 10.6 Hazardous decomposition products

- No hazardous decomposition products known
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**SECTION 11: Toxicological information**

## 11.1 Information on toxicological effects

- No information available

## 11.2 Information on other hazards

## 11.2.1 Endocrine disrupting properties

No Information Available

## 11.2.2 Information on other hazards

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 Endocrine disrupting properties

- No information available

## 12.7 Other adverse effects

- No information available
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**SECTION 13: Disposal considerations**

## 13.1 Waste treatment methods

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

## 14.7 Maritime transport in bulk according to IMO instruments

- No information available
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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 Regulations 1907/2006, 1272/2008, 2015/830 and 2020/878

## 15.2 Chemical safety assessment

- A chemical safety assessment (CSA) for this product has not yet been completed
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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. H300: Fatal if swallowed. H301: Toxic if swallowed. H302: Harmful if swallowed. H304: May be fatal if swallowed and enters airways. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H319: Causes serious eye irritation. H331: Toxic if inhaled. H332: Harmful if inhaled. H335: May cause respiratory irritation. H400: Very toxic to aquatic life. H411: Toxic to aquatic life with long lasting effects. H412: Harmful 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



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## **SECTION 16: Other information (...)**

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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