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## SAFETY DATA SHEET

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

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

#### 1.1 Product identifier

- Product Name: Keybond
- Product Part Number: C12/09/01/007

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

- Use of the substance/mixture: PVA bonding agent for cement mixes and concrete repairs

#### 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: +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: Not classified as hazardous for supply

- US NFPA ratings:

Health: 0  
Flammability: 0  
Instability: 0

- US HMIS ratings:

Health: 0  
Flammability: 0  
Instability: 0

#### 2.2 Label elements

- Signal Word: None
- Hazard statements  
None

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

- Precautionary statements
  - P264 - Wash thoroughly after handling.
  - P280 - Wear protective gloves/protective clothing/eye protection/face protection.
  - P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
  - P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
  - P273 - Avoid release to the environment.
  - P403+P233 - Store in a well-ventilated place. Keep container tightly closed.

## 2.3 Other hazards

- No information available
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**SECTION 3: Composition/information on ingredients**

## 3.2 Mixtures

- PVA Polymer
    - CAS Number: 9003-20-7
    - Concentration: 50 - 80%
    - Categories: -
  - Water
    - CAS Number: 7732-18-5
    - Concentration: 20 - 30%
    - Categories: -
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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.
- Contact with skin
  - IF ON SKIN: Wash with plenty of soap and water.
  - Contaminated clothing should be laundered before reuse
  - 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.
  - Bathe the eye with running water for 15 minutes. Consult a doctor.
  - Get immediate medical advice/attention.
- Ingestion
  - Do NOT induce vomiting.
  - Never give anything by mouth to an unconscious person
  - Get medical advice/attention.

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

- No information available
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**SECTION 4: First aid measures (....)**

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

- No information available
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**SECTION 5: Firefighting measures**

## 5.1 Extinguishing media

- Extinguish with foam, carbon dioxide, dry powder or water spray.
- Use extinguishing media suitable to the surrounding conditions. Use water spray to cool containers.

## 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

- Evacuate the area and keep personnel upwind
- Wear suitable protective clothing

## 6.2 Environmental precautions

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

## 6.3 Methods and material for containment and cleaning up

- Collect as much as possible in clean container for reuse or disposal
- Remove by mechanical means

## 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
- Wash thoroughly after handling.
- Adopt best Manual Handling considerations when handling, carrying and dispensing.
- Store in original, correctly labelled and tightly closed containers
- Use good personal hygiene practices

## 7.2 Conditions for safe storage, including any incompatibilities

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

- Store in a cool, dry, well ventilated area.
- Store in original, correctly labelled and tightly closed containers
- Protect from frost
- Store between + 5° C and +35°C protect from frost and direct sunlight.

## 7.3 Specific end use(s)

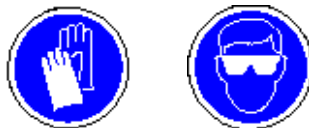
- No information available
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**SECTION 8: Exposure controls/personal protection**

## 8.1 Control parameters

- There are no recommended or established controls for this product

## 8.2 Exposure controls



- Wear suitable protective clothing and gloves
  - Wear goggles giving complete eye protection
  - Keep away from food, drink and animal feedingstuffs
  - Avoid contact with skin
  - Do not eat, drink or smoke when using this product.
  - Wash thoroughly after handling.
  - Provide adequate ventilation.
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**SECTION 9: Physical and chemical properties**

## 9.1 Information on basic physical and chemical properties

- Appearance: Viscous, white, Liquid
- Odour: Acrylic
- Boiling Point/Range: 100 °C
- pH: 4 - 5
- Specific Gravity: 1.00 - 1.05
- Solubility in water: Miscible with water
- VOC g/l: < 20 g/l

## 9.2 Other information

- No information available
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**SECTION 10: Stability and reactivity**

## 10.1 Reactivity

**SECTION 10: Stability and 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

- Keep away from frost
- Keep away from heat

## 10.5 Incompatible materials

- No known incompatibilities when used for intended purposes.

## 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

- miscible 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

**SECTION 13: Disposal considerations (....)**

- 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
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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
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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**

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 ---

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