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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: Strongcoat UN101 Base
- Other means of Identification
- UFI: -
- Product Part Number: C12/05/05/096-B

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

- Use of the substance/mixture: Base component of Epoxy primer, levelling mortar, intermediate layer, repair-mortar, and floor screed

#### 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)

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

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

#### 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.

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

### Precautionary statements

- P501 - Dispose of contents/container to an authorised waste collection point
- P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
- 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.
- P264 - Wash hands thoroughly after handling.

### 2.3 Other hazards

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

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## 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:	30 - 50%
Categories:	Skin Irrit. 2, Eye Irrit. 2, Skin Sens. 1, Aquatic Chronic 2
Specific Concentration Limits:	Eye Irrit. 2; H319: C $\geq 5$ % Skin Irrit. 2; H315: C $\geq 5$ %
M factor:	No information available
Acute toxicity estimate:	Not available
Symbols:	GHS07, GHS09
H Statements:	H319, H315, H317, H411

oxirane, mono[(C12-14-alkyloxy)methyl] derivs.

CAS Number:	68609-97-2
EC Number:	271-846-8
Concentration:	1 - 10%
Categories:	Skin 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:	H315, H317

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

Distillates (petroleum), hydrotreated light; Kerosine - unspecified

CAS Number:	64742-47-8
EC Number:	265-149-8
Concentration:	< 0.5%
Categories:	Asp. Tox. 1
Specific Concentration Limits:	No information available
M factor:	No information available
Acute toxicity estimate:	Not available
Symbols:	GHS08
H Statements:	H304

Barium sulfate

CAS Number:	7727-43-7
EC Number:	231-784-4
Concentration:	40 - 60%
Categories:	Not classified
Specific Concentration Limits:	No information available
M factor:	No information available
Acute toxicity estimate:	Not available
Symbols:	None
H Statements:	None

XYLENE

CAS Number:	1330-20-7
EC Number:	215-535-7
Concentration:	< 0.5%
Categories:	Flam. Liq. 3, Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, STOT SE 3, STOT RE 2, Asp. Tox. 1
Specific Concentration Limits:	No information available
M factor:	No information available
Acute toxicity estimate:	Not available
Symbols:	GHS02, GHS07, GHS08
H Statements:	H226, H332, H312, H315, H319, H335, H373, H304

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

N-methyl-2-pyrrolidone; 1-methyl-2-pyrrolidone

CAS Number:	872-50-4
EC Number:	212-828-1
Concentration:	< 0.1%
Categories:	Skin Irrit. 2, Eye Irrit. 2, Repr. Cat. 1B, STOT SE 3
Specific Concentration Limits:	Repr. 1B; H360D: C $\geq$ 5 %
M factor:	No information available
Acute toxicity estimate:	Not available
Symbols:	GHS08, GHS07
H Statements:	H360D, H319, H335, H315

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

- Take off contaminated clothing.
- Wash contaminated clothing before reuse.

**Inhalation**

IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
Get medical attention if patient feels unwell or if discomfort continues.

**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.

**Contact with eyes**

If substance has got into eyes, immediately wash out with plenty of water for at least 15 minutes  
Remove contact lenses, if present and easy to do. Continue rinsing.  
Seek immediate medical attention  
Continue flushing with water until medical help arrives

**Ingestion**

Do NOT induce vomiting.  
Get immediate medical advice/attention.

**4.2 Most important symptoms and effects, both acute and delayed****Contact with eyes**

Irritating to eyes

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

Contact with skin

Irritating to skin

May cause an allergic skin reaction.

Inhalation

No specific symptoms known.

4.3 Indication of any immediate medical attention and special treatment needed

- 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

- Nitrogen and carbon oxides may be formed

5.3 Advice for firefighters

- Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions
- 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.

6.3 Methods and material for containment and cleaning up

- Collect spillage.

6.4 Reference to other sections

- For personal protection see section 8

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## **SECTION 7: Handling and storage**

7.1 Precautions for safe handling

- Avoid breathing dust/fume/gas/mist/vapours/spray.

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

- 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.
- Wash contaminated clothing before reuse.
- Ensure adequate ventilation
- Eyewash bottles should be available
- Do not wear contact lenses when working with this material
- 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
- Store between + 5° C and +35°C protect from frost and direct sunlight.
- Keep container tightly closed.

### 7.3 Specific end use(s)

- No information available

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

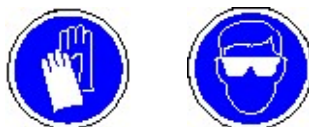
N-methyl-2-pyrrolidone; 1-methyl-2-pyrrolidone

Derived No Effect Level (DNEL):

Inhalation (Workers) Long-term systemic effects: 14.4 mg/m<sup>3</sup>

Dermal (Workers) Long-term systemic effects: 4.8 mg/kg/day

### 8.2 Exposure controls



- Contaminated work clothing should not be allowed out of the workplace.
- Wear suitable protective clothing, eye/face protection and gloves

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- |                        |                          |
|------------------------|--------------------------|
| - Physical state:      | Liquid                   |
| - Colour:              | Brown                    |
| - Odour:               | Characteristic odour     |
| - Melting point/Range: | Not available            |
| - Boiling Point/Range: | No information available |
| - Flammability:        | No information available |

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## SECTION 9: Physical and chemical properties (....)

- 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: 1.8 ± 0.1 g/cm<sup>3</sup>
- Vapour Density: Not available
- Particle characteristics: NA
- Solubility in water: Immiscible with water

### 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

- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Avoid exposure to high temperature or direct sunlight.
- Avoid freezing.

### 10.5 Incompatible materials

- Incompatible with acids and alkalis
- Incompatible with oxidizing substances

### 10.6 Hazardous decomposition products

- Decomposition products may include toxic fumes

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## SECTION 11: Toxicological information

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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





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**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 Packing Group: III

**14.4 Environmental hazards**

- No information available
- Marine Pollutant

**14.5 Special precautions for user**

- No information available
- ADR Classification Code: M6
- Tunnel Restriction Code: 3 (-)
- Tunnel Tank Restriction Codes: LGBV
- Contains: Reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight  $\leq 700$ )  
2,6-di-tert-butyl-p-cresol

**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

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII): Conditions of restriction for the following entries

71)

should be considered: CAS: 872-50-4 (Entry

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**SECTION 15: Regulatory information (....)**

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : CAS: 872-50-4

REACH - List of substances subject to authorisation (Annex XIV) : None  
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. H304: May be fatal if swallowed and enters airways. H312: Harmful in contact with skin. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H319: Causes serious eye irritation. H332: Harmful if inhaled. H335: May cause respiratory irritation. H360D: May damage the unborn child. H373: May cause damage to organs through prolonged or repeated exposure. 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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