
SAFETY DATA SHEET

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

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

1.1 Product identifier

- Product Name: Strongcoat UN101 - Hardener
- Product Part Number: C12/05/05/096-H

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

- Use of the substance/mixture: Hardener 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 Corr. 1B, Eye Dam. 1, Skin Sens. 1, Aquatic Chronic 2

2.2 Label elements



- Signal Word: Danger

Hazard statements

- H314 - Causes severe skin burns and eye damage.
- H318 - Causes serious eye damage.
- H317 - May cause an allergic skin reaction.
- H411 - Toxic to aquatic life with long lasting effects.

SECTION 2: Hazards identification (....)

Precautionary statements

- P260 - Do not breathe 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.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P310 - Immediately call a POISON CENTER or doctor/physician.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P405 - Store locked up.
P501 - Dispose of contents/container to an authorised waste collection point

2.3 Other hazards

- Contains: M-phenylenebis(methylamine)
3-aminomethyl-3,5,5-trimethylcyclohexylamine
Phenol, styrenated

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Reaction products of di-, tri- and tetra-propoxylated propane-1,2-diol with ammonia

CAS Number: 9046-10-0
EC Number: 618-561-0
Concentration: 25 - 35%
Categories: Skin Corr. 1C, Eye Dam. 1, Aquatic Chronic 3
Symbols: GHS05
H Statements: H314, H412, H318

Reaction mass of (1-phenylethyl)phenols and bis-(1-phenylethyl)phenols

CAS Number: -
EC Number: 701-443-9
Concentration: 25 - 35%
Categories: Skin Irrit. 2, Skin Sens. 1A, Aquatic Chronic 2
Symbols: GHS07, GHS09
H Statements: H315, H317, H411

3-aminomethyl-3,5,5-trimethylcyclohexylamine

CAS Number: 2855-13-2
EC Number: 220-666-8
Concentration: 10 - 20%
Categories: Acute Tox. 4, Skin Corr. 1B, Skin Sens. 1, Aquatic Chronic 3
Symbols: GHS05, GHS07
H Statements: H312, H302, H314, H317, H412

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

m-phenylenebis(methylamine)

CAS Number: 1477-55-0

EC Number: 216-032-5

Concentration: 10 - 20%

Categories: Acute Tox. 4, Skin Corr. 1B, Skin Sens. 1B, Aquatic Chronic 3

Symbols: GHS05, GHS07

H Statements: H302, H314, H317, H332, H412

SECTION 4: First aid measures

4.1 Description of first aid measures

- Take off immediately all contaminated clothing.

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Seek medical attention if ill effects occur

Contact with skin

IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

IF ON CLOTHING: rinse immediately contaminated clothing and skin with plenty of water before removing clothes.

If skin irritation or rash occurs: Get medical advice/attention.

After contact with skin, take off immediately all contaminated clothing, and wash immediately with plenty of soap and water

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.

Get medical advice/attention.

Ingestion

Do NOT induce vomiting.

If swallowed, rinse mouth with water (only if the person is conscious)

Give water or milk to drink

Never give anything by mouth to an unconscious person

Get immediate medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

- No information available

4.3 Indication of any immediate medical attention and special treatment needed

- No information available

SECTION 5: Firefighting measures

5.1 Extinguishing media

Water fog or fine spray, CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
Don not use water with a full water jet.

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

- Do not allow run-off water to enter sewers and water sources.
 - Wear self contained breathing apparatus and full protective clothing
 - Avoid breathing dust/fume/gas/mist/vapours/spray.
 - In case of fire: Evacuate area.
 - May give off noxious and toxic fumes in a fire
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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Ensure adequate ventilation
- Wear protective clothing as per section 8
- Do not breathe dust/fume/gas/mist/vapours/spray.
- Evacuate the area and keep personnel upwind
- Wash thoroughly after dealing with spillage
- Avoid contact with skin and eyes

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

- Avoid release to the environment.
- Collect as much as possible in clean container for reuse or disposal
- Soak up with inert absorbent
- Place in appropriate container
- Wear suitable protective clothing, eye/face protection and gloves
- Ensure adequate ventilation

6.4 Reference to other sections

- See Section 8, 13

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.
- Ensure adequate ventilation
- Keep away from food, drink and animal foodstuffs
- Use good personal hygiene practices
- Store in original, correctly labelled and tightly closed containers
- Wash thoroughly after handling.
- Wear protective gloves/protective clothing/eye protection/face protection.

7.2 Conditions for safe storage, including any incompatibilities

- 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.
- Keep away from food, drink and animal feedingstuffs

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 suitable protective clothing, eye/face protection and gloves

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

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

- Appearance: Yellowish liquid
- Odour: Amine
- Boiling Point/Range: > 200 °C
- Flashpoint: > 100 °C
- Specific Gravity: 1.02 ± 0.02
- Solubility in water: Insoluble in water

9.2 Other information

- No information available

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 special precautions are required for this product

10.5 Incompatible materials

- Strong oxidising agents
- Incompatible with acids and alkalis

10.6 Hazardous decomposition products

- Combustion may emit toxic fumes
- Decomposition products may include toxic fumes
- Decomposition products may include nitrogen and carbon oxides

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Skin corrosion/irritation
Causes severe skin burns and eye damage.
Serious eye damage/irritation
Causes serious eye damage.
Respiratory or skin sensitisation
May cause an allergic skin reaction.

SECTION 12: Ecological information

12.1 Toxicity

SECTION 12: Ecological information (....)

- No information available
- 12.2 Persistence and degradability
- No information available
- 12.3 Bioaccumulative potential
- No information available
- 12.4 Mobility in soil
- No information available
- 12.5 Results of PBT and vPvB assessment
- No information available
- 12.6 Other adverse effects
- Avoid release to the environment.

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 may be reacted with a suitable quantity of epoxy resin, allowed to cure and disposed of as low hazard waste. Larger quantities should be disposed of as hazardous waste via a licensed waste operator.

SECTION 14: Transport information



14.1 Air (ICAO/IATA)

- ICAO UN No.: 2735
- Proper Shipping Name: POLYAMINES, LIQUID, CORROSIVE, N.O.S.
- ICAO Hazard Class: 8
- ICAO Packing Group: II

14.2 Road/Rail (ADR/RID)

- ADR UN No.: 2735
- Proper Shipping Name: POLYAMINES, LIQUID, CORROSIVE, N.O.S.
- ADR Packing Group: II

14.3 Sea (IMDG)

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SECTION 14: Transport information (....)

- IMDG UN No.: 2735
- Proper Shipping Name: POLYAMINES, LIQUID, CORROSIVE, N.O.S.
- IMDG Hazard Class: 8
- IMDG Packing Group.: II

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**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:- H302: Harmful if swallowed. H312: Harmful in contact with skin. H314: Causes severe skin burns and eye damage. H315: Causes skin irritation. H317: May cause an allergic skin reaction. H318: Causes serious eye damage. H332: Harmful if inhaled. 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 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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