
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: Aquathane R100
- Product Part Number: C05/08/05/022

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

- Use of the substance/mixture: Polyurethane liquid membrane for waterproofing and protection

1.3 Details of the supplier of the safety data sheet

- Name of Supplier: DCP Lebanon
- Address of Supplier: Port, Jamarek Street
Rbeiz Bldg
Beirut, Lebanon
- Telephone: +961 1 444 562
- Fax: +961 1 444 563
- Email: info.lebanon@dcp-int.com

1.4 Emergency telephone number

- Emergency Telephone: +961 1 444 562 (Available during office hours)
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SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Flam. Liq. 3, Skin Irrit. 2, Eye Dam. 1, Carc. 2, STOT RE 2

2.2 Label elements



SECTION 2: Hazards identification (....)

- Signal Word: Danger
- Hazard statements
 - H226 - Flammable liquid and vapour.
 - H351 - Suspected of causing cancer.
 - H373 - May cause damage to organs through prolonged or repeated exposure.
 - H315 - Causes skin irritation.
 - H318 - Causes serious eye damage.
 - H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.
 - H317 - May cause an allergic skin reaction.
 - EUH204 - Contains isocyanates. May produce an allergic reaction.
- Precautionary statements
 - P403+P235 - Store in a well-ventilated place. Keep cool.
 - P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
 - P304+P341 - IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing.
 - 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.
 - P308+P313 - IF exposed or concerned: Get medical advice/attention.
 - P285 - In case of inadequate ventilation wear respiratory protection.
 - P281 - Use personal protective equipment as required.
 - P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 - P201 - Obtain special instructions before use.
 - P233 - Keep container tightly closed.
 - P314 - Get medical advice/attention if you feel unwell.
 - P264 - Wash thoroughly after handling.
 - P333+P313 - If skin irritation or rash occurs: Get medical advice/attention.
 - P363 - Wash contaminated clothing before reuse.
 - P302+P352 - IF ON SKIN: Wash with plenty of soap and water.
 - P243 - Take action to prevent static discharges.
 - P332+P313 - If skin irritation occurs: Get medical advice/attention.
 - P405 - Store locked up.
 - P272 - Contaminated work clothing should not be allowed out of the workplace.
 - P362 - Take off contaminated clothing.

2.3 Other hazards

- None

SECTION 3: Composition/information on ingredients**3.2 Mixtures**

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

- [3-(2,3-epoxypropoxy)propyl]trimethoxysilane
 - CAS Number: 2530-83-8
 - EC Number: 219-784-2
 - Concentration: < 1.0%
 - Categories: Eye Dam. 1
 - Symbols: GHS05
 - H Statements: H318

- xylene
 - CAS Number: 1330-20-7
 - EC Number: 215-535-7
 - Concentration: 10 - 15%
 - Categories: Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2
 - Symbols: GHS02, GHS07
 - H Statements: H226, H332, H312, H315

- ethylbenzene
 - CAS Number: 100-41-4
 - EC Number: 202-849-4
 - Concentration: 1 - 5%
 - Categories: Acute Tox. 4, STOT RE 2
 - Symbols: GHS02, GHS07, GHS08
 - H Statements: H225, H332, H304, H373

- 4-isocyanatosulphonyltoluene; tosyl isocyanate
 - CAS Number: 4083-64-1
 - EC Number: 223-810-8
 - Concentration: < 1.0%
 - Categories: Skin Irrit. 2, Eye Irrit. 2, Resp. Sens. 1, STOT SE 3
 - Symbols: GHS08, GHS07
 - H Statements: H319, H335, H315, H334, EUH014

- DIPHENYLMETHANDIISOCYANATE, ISOMERS AND HOMOLOGUES
 - CAS Number: 9016-87-9
 - EC Number: 618-498-9
 - Concentration: < 1.0%
 - Categories: Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, Resp. Sens. 1, Skin Sens. 1, Carc. 2, STOT SE 3, STOT RE 2
 - Symbols: GHS07, GHS08
 - H Statements: H315, H317, H319, H332, H334, H335, H351, H373

- 4,4'-methylenediphenyl diisocyanate; diphenylmethane-4,4'-diisocyanate

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

CAS Number: 101-68-8
EC Number: 202-966-0
Concentration: 1 - 5%
Categories: Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, Resp. Sens. 1, Skin Sens. 1, Carc. 2, STOT SE 3, STOT RE 2
Symbols: GHS08, GHS07
H Statements: H351, H332, H373**, H319, H335, H315, H334, H317

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 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
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.
Get immediate medical advice/attention.
- Ingestion
Do NOT induce vomiting.
If swallowed, rinse mouth with water (only if the person is conscious)
Get immediate medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

- Causes allergic reaction in susceptible people
- Causes damage to organs through repeated or prolonged exposure
- Causes skin irritation.
- Causes serious eye irritation.

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

- In case of fire use water spray or fog, alcohol resistant foam, dry chemical or carbon dioxide

SECTION 5: Firefighting measures (....)

- Do not use water jets

5.2 Special hazards arising from the substance or mixture

- Burning produces irritating, toxic and obnoxious fumes.
- Flammable liquid and vapour.
- Vapours may form explosive mixtures with air.
- Nitrogen and carbon oxides may be formed

5.3 Advice for firefighters

- Wear self contained breathing apparatus and full protective clothing
 - Do not allow run-off water to enter sewers and water sources.
 - Water spray should be used to cool containers
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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

- Avoid contact with skin and eyes
- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Wash thoroughly after dealing with spillage
- Wear suitable protective clothing
- Ensure adequate ventilation
- Keep away from heat and sources of ignition
- Do not smoke

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
- Contain spillage with sand, earth or other non-combustible material.
- Place in appropriate container
- Wear suitable protective clothing, eye/face protection and gloves
- In case of leakage, eliminate all ignition sources.

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

- Use explosion-proof [electrical/ventilating/lighting/
 - Use non-sparking tools.
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SECTION 7: Handling and storage (....)

- Take action to prevent static discharges.
- Do not breathe dust/fume/gas/mist/vapours/spray.
- Wash hands thoroughly after handling.
- Contaminated work clothing should not be allowed out of the workplace.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Use personal protective equipment as required.
- In case of inadequate ventilation wear respiratory protection.
- Get medical advice/attention if you feel unwell.
- Wash contaminated clothing before reuse.
- Dispose of contents/container to an authorised waste collection point

7.2 Conditions for safe storage, including any incompatibilities

- Ground and bond container and receiving equipment.
- Use explosion-proof [electrical/ventilating/lighting/
- Store in a well-ventilated place. Keep cool.
- Store between + 5° C and +35°C protect from frost and direct sunlight.
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Keep away from static electricity
- Keep away from strong oxidisers, heat, flames and sources of ignition.
- Store locked up.

7.3 Specific end use(s)

- No information available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- No information available but must be considered harmful

8.2 Exposure controls



- Contaminated work clothing should not be allowed out of the workplace.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Use personal protective equipment as required.
- In case of inadequate ventilation wear respiratory protection.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

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

- Appearance: Viscous, Liquid
- Odour: Characteristic odour
- Boiling Point/Range: No data available
- Flashpoint: 35 °C
- pH: Not applicable
- Specific Gravity: 1.35 ± 0.05
- Solubility in water: Insoluble in water

9.2 Other information

- 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

- Avoid exposure to high temperature or direct sunlight.
- Do not expose to temperatures exceeding 35°C.
- Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- Keep away from air and moisture

10.5 Incompatible materials

- Reacts with water
- Incompatible with acids and alkalis
- Incompatible with alcohols
- Incompatible with amines

10.6 Hazardous decomposition products

- Combustion may emit toxic fumes
 - Decomposition products may include nitrogen and carbon oxides
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SECTION 11: Toxicological information

11.1 Information on toxicological effects

- Causes damage to organs through repeated or prolonged exposure
 - Causes skin irritation.
 - Causes serious eye irritation.
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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 Other adverse effects

- No information available
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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
 - 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)

- ICAO UN No.: 1139
- Proper Shipping Name: COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle under coating, drum or barrel lining)
- ICAO Hazard Class: 3
- ICAO Packing Group: III

14.2 Road/Rail (ADR/RID)

SECTION 14: Transport information (....)

- ADR UN No.: 1139
- Proper Shipping Name: COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle under coating, drum or barrel lining)
- ADR Hazard Class: 3
- ADR Packing Group:

14.3 Sea (IMDG)

- IMDG UN No.: 1139
- Proper Shipping Name: COATING SOLUTION (includes surface treatments or coatings used for industrial or other purposes such as vehicle under coating, drum or barrel lining)
- IMDG Hazard Class: 3
- IMDG Pack Group.: III

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
- This Safety Data Sheet is provided in compliance with the EC Directive 82/501/EEC (the Seveso Directive)

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:- EUH014: Reacts violently with water. H225: Highly flammable liquid and vapour. 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. H318: Causes serious eye damage. H319: Causes serious eye irritation. H332: Harmful if inhaled. H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled. H335: May cause respiratory irritation. H351: Suspected of causing cancer. H373: May cause damage to organs through prolonged or repeated exposure.

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.

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