
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: Aquathane R100

Other means of Identification

- UFI: -
- Product Part Number: C01/08/05/022

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: 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 work hours)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

- CLP: Resp. Sens. 1, Skin Sens. 1, Flam. Liq. 3, Skin Irrit. 2, Eye Dam. 1, Carc. 2, Repr. Cat. 1B, STOT SE 3, STOT RE 2

2.2 Label elements



- Signal Word: Danger

Hazard statements

H373 - May cause damage to organs through prolonged or repeated exposure.

SECTION 2: Hazards identification (....)

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.

EUH211 - Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

EUH204 - Contains isocyanates. May produce an allergic reaction.

H226 - Flammable liquid and vapour.

H351 - Suspected of causing cancer.

H360FD - May damage fertility. May damage the unborn child.

Precautionary statements

P501 - Dispose of contents/container to an authorised waste collection point

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.

P280 - Wear protective gloves/protective clothing/eye protection/face protection.

P405 - Store locked up.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P308+P313 - IF exposed or concerned: Get medical advice/attention.

P310 - Immediately call a POISON CENTER or doctor/physician.

P285 - In case of inadequate ventilation wear respiratory protection.

P281 - Use personal protective equipment as required.

P342+P311 - If experiencing respiratory symptoms: Call a POISON CENTER/doctor/

P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P201 - Obtain special instructions before use.

P264 - Wash hands thoroughly after handling.

2.3 Other hazards

- As from 24 August 2023 adequate training is required before industrial or professional use
- Contains: Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP
Calcium carbonate.
Oxirane,methyl-, polymer with oxirane, ether with 1,2,3-propanetriol (3:1), polymer with 1,1'-methylenebis[4-isocyanatobenzene]

SECTION 3: Composition/information on ingredients

3.2 Mixtures

bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP

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

CAS Number: 117-81-7
EC Number: 204-211-0
Concentration: 10 - 20%
Categories: Repr. Cat. 1B
Specific Concentration Limits: No information available
M factor: No information available
Acute toxicity estimate: Not available
Symbols: GHS08
H Statements: H360FD

Calcium oxide

CAS Number: 1305-78-8
EC Number: 215-138-9
Concentration: 1 - 5%
Categories: Skin Irrit. 2, Eye Dam. 1, STOT SE 3
Specific Concentration Limits: No information available
M factor: No information available
Acute toxicity estimate: Not available
Symbols: GHS05, GHS07
H Statements: H315, H318, H335

[3-(2,3-epoxypropoxy)propyl]trimethoxysilane

CAS Number: 2530-83-8
EC Number: 219-784-2
Concentration: < 0.5%
Categories: Eye Dam. 1
Specific Concentration Limits: No information available
M factor: No information available
Acute toxicity estimate: Not available
Symbols: GHS05
H Statements: H318

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

Polyamine amide salt

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

CAS Number: -
EC Number: -
Concentration: < 0.5%
Categories: Skin Irrit. 2
Specific Concentration Limits: No information available
M factor: No information available
Acute toxicity estimate: Not available
Symbols: None
H Statements: H315

xylene

CAS Number: 1330-20-7
EC Number: 215-535-7
Concentration: 5 - 15%
Categories: Acute Tox. 4, Skin Irrit. 2
Specific Concentration Limits: No information available
M factor: No information available
Acute toxicity estimate: Not available
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
Specific Concentration Limits: No information available
M factor: No information available
Acute toxicity estimate: Not available
Symbols: GHS02, GHS07, GHS08
H Statements: H225, H332, H304, H373

2-methylpropan-1-ol; iso-butanol

CAS Number: 78-83-1
EC Number: 201-148-0
Concentration: < 0.05%
Categories: Skin Irrit. 2, Eye Dam. 1, STOT SE 3
Specific Concentration Limits: No information available
M factor: No information available
Acute toxicity estimate: Not available
Symbols: GHS02, GHS05, GHS07
H Statements: H226, H335, H315, H318, H336

Diphenylmethandiisocyanate, isomers and homologues

Created: 10 Apr 2025

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

CAS Number: 9016-87-9
 EC Number: 618-498-9
 Concentration: < 0.5%
 Categories: Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, Resp. Sens. 1, Skin Sens. 1, Carc. 2, STOT SE 3, STOT RE 2
 Specific Concentration Limits: No information available
 M factor: No information available
 Acute toxicity estimate: Not available
 Symbols: GHS07, GHS08
 H Statements: H315, H317, H319, H332, H334, H335, H351, H373

Oxirane,methyl-, polymer with oxirane, ether with 1,2,3-propanetriol (3:1), polymer with 1,1'-methylenebis[4-isocyanatobenzene]

CAS Number: 59675-67-1
 EC Number: 611-860-7
 Concentration: 10 - 30%
 Categories: Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2, Resp. Sens. 1, Skin Sens. 1, STOT SE 3, STOT RE 2
 Specific Concentration Limits: No information available
 M factor: No information available
 Acute toxicity estimate: Not available
 Symbols: GHS07, GHS08
 H Statements: H315, H317, H319, H332, H334, H335, H373

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

CAS Number: 101-68-8
 EC Number: 202-966-0
 Concentration: 0 - 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
 Specific Concentration Limits: No information available
 M factor: No information available
 Acute toxicity estimate: Not available
 Symbols: GHS08, GHS07
 H Statements: H351, H332, H373, H319, H335, H315, H334, H317

4-isocyanatosulphonyltoluene; tosyl isocyanate

CAS Number: 4083-64-1
 EC Number: 223-810-8
 Concentration: < 0.5%
 Categories: Skin Irrit. 2, Eye Irrit. 2, Resp. Sens. 1, STOT SE 3
 Specific Concentration Limits: No information available
 M factor: No information available
 Acute toxicity estimate: Not available

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

Symbols: GHS08, GHS07
H Statements: H319, H335, H315, H334, EUH014

N,N-dibenzyliden polyoxypropylene diamine (polymer)

CAS Number: 136855-71-5
EC Number: -
Concentration: 1 - 5%
Categories: Skin Corr. 1B
Specific Concentration Limits: No information available
M factor: No information available
Acute toxicity estimate: Not available
Symbols: GHS05
H Statements: H314

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.
If experiencing respiratory symptoms: Call a POISON CENTER/doctor/
IF exposed or concerned: Get medical advice/attention.

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.
Wash contaminated clothing before reuse.
IF exposed or concerned: 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.
IF exposed or concerned: Get medical advice/attention.

Ingestion

Do NOT induce vomiting.
If swallowed, rinse mouth with water (only if the person is conscious)
IF exposed or concerned: Get medical advice/attention.

4.2 Most important symptoms and effects, both acute and delayed

- Causes damage to organs through repeated or prolonged exposure

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

- May cause allergic reaction in susceptible people

Contact with eyes

Irritating to eyes

Contact with skin

Irritating to skin

Inhalation

In cases of severe exposure, asthma may develop

In cases of severe exposure, breathing difficulty may develop

4.3 Indication of any immediate medical attention and special treatment needed

- Immediately call a POISON CENTER or doctor/physician.
-

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
- 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
-

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

SECTION 6: Accidental release measures (....)

- 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
-

SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Use explosion-proof [electrical/ventilating/lighting/
- Use non-sparking tools.
- Take action to prevent static discharges.
- Do not breathe dust/fume/gas/mist/vapours/spray.
- Wash 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.
- 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 ventilating and lighting equipment.
- 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 in a well-ventilated place. Keep cool.
- Store locked up.

7.3 Specific end use(s)

- No information available

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

- There are no recommended or established controls for this product

8.2 Exposure controls

- Contaminated work clothing should not be allowed out of the workplace.
 - Wear suitable protective clothing, eye/face protection and gloves
 - Use personal protective equipment as required.
 - In case of inadequate ventilation wear respiratory protection.
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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

- | | |
|------------------------------|-------------------------------|
| - Physical state: | Liquid |
| - Colour: | Various |
| - Odour: | Characteristic odour |
| - Melting point/Range: | Not available |
| - Boiling Point/Range: | No data available |
| - Flammability: | No information available |
| - Lower explosive limit: | NA% (in air) |
| - Upper explosive limit: | NA% (in air) |
| - Flashpoint: | 35°C |
| - Autoignition Temperature: | NA |
| - Decomposition temperature: | NA |
| - pH: | No information available |
| - Kinematic viscosity: | NA mm ² /s |
| - Solubility: | NA |
| - Vapour Pressure: | Not available |
| - Density: | 1.35 ± 0.05 g/cm ³ |
| - 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

SECTION 10: Stability and reactivity

10.1 Reactivity

- No hazardous reactions known if used for its intended purpose
-

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

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.
- Keep at temperature not 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

- Avoid contact 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

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

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

SECTION 12: Ecological information (....)

- 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
-

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
-

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)

- 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: III

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)

SECTION 14: Transport information (....)

- IMDG Hazard Class: 3
- IMDG Packing 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

14.7 Maritime transport in bulk according to IMO instruments

- No information available

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

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. H314: Causes severe skin burns and eye damage. 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. H336: May cause drowsiness or dizziness. H351: Suspected of causing cancer. H360FD: May damage fertility. May damage the unborn child. H373: May cause damage to organs through prolonged or repeated exposure.

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 ---
