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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: AquaSure
- Other means of Identification
- UFI: -
- Product Part Number: C01/08/06/104

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

- Use of the substance/mixture: Hot-applied rubberised asphalt waterproofing membrane

#### 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: Tel. +962 6 533 8891
- Fax: Fax: +962 6 533 8829
- Email: info.jordan@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: Carc. 2, Repr. Cat. 1B, Resp. Sens. 1, Skin Sens. 1, STOT SE 3

#### 2.2 Label elements



- Signal Word: Danger

#### Hazard statements

- H351 - Suspected of causing cancer.
- H360FD - May damage fertility. May damage the unborn child.
- H317 - May cause an allergic skin reaction.
- H336 - May cause drowsiness or dizziness.

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

H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled.

### Precautionary statements

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

P405 - Store locked up.

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

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

P281 - Use personal protective equipment as required.

P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

P263 - Avoid contact during pregnancy and while nursing.

P260 - Do not breathe dust/fume/gas/mist/vapours/spray.

P271 - Use only outdoors or in a well-ventilated area.

P403+P233 - Store in a well-ventilated place. Keep container tightly closed.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P362+P364 - Take off contaminated clothing and wash it before reuse.

P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

### 2.3 Other hazards

- This product is solid at room temperature and becomes liquid when heated for application. When heated at high temperatures, can release vapors and/or hydrogen sulfide. Dark Black-brown, characteristic asphaltic odor or "rotten egg" odor if H<sub>2</sub>S present, odor is unreliable warning. Prolonged or repeated skin contact can cause drying of the skin which may produce irritation or dermatitis. At high concentrations of H<sub>2</sub>S (above 10 ppm), hydrogen sulfide is extremely toxic by inhalation.
- Contains: Bis(2-ethylhexyl) phthalate; di-(2-ethylhexyl) phthalate; DEHP

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## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Asphalt

CAS Number:	8052-42-4
EC Number:	232-490-9
Concentration:	50 - 70%
Categories:	Not classified
Specific Concentration Limits:	No information available
M factor:	No information available
Acute toxicity estimate:	Not available

#### Zinc oxide

CAS Number:	1314-13-2
EC Number:	215-222-5
Concentration:	< 0.5%

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

Categories: Aquatic Acute 1, Aquatic Chronic 1  
 Specific Concentration Limits: No information available  
 M factor: 1  
 Acute toxicity estimate: Not available  
 Symbols: GHS09  
 H Statements: H400, H410  
 M factor, acute: 1

Sulfur

CAS Number: 7704-34-9  
 EC Number: 231-722-6  
 Concentration: < 0.5%  
 Categories: Skin Irrit. 2  
 Specific Concentration Limits: No information available  
 M factor: No information available  
 Acute toxicity estimate: Not available  
 Symbols: GHS07  
 H Statements: H315

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

CAS Number: 117-81-7  
 EC Number: 204-211-0  
 Concentration: < 1%  
 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

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### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

- Remove affected person from source of contamination
- Call a POISON CENTER or doctor/physician.
- Show this safety data sheet to the doctor in attendance.

Inhalation

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

Get medical advice/attention.

At high temperatures, product mist or vapors may cause irritation to the mucous membranes.  
Dizziness, nausea, unconsciousness, headaches may occur.

Contact with skin

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

In the event of burns from the molten liquid, do not attempt to remove adhering material  
Remove contaminated clothing immediately and drench affected skin with plenty of water.  
Then wash with soap and water  
Cuts or abrasions should be treated promptly with thorough cleansing of the affected area.  
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  
Irrigate eyes thoroughly whilst lifting eyelids  
Remove contact lenses, if present and easy to do. Continue rinsing.  
Get medical advice/attention.

### Ingestion

Rinse mouth thoroughly with water. Give plenty of water to drink. Do not induce vomiting.  
Seek immediate medical attention.  
Never give anything by mouth to an unconscious person

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

- Suspected of causing cancer.

### Contact with eyes

In cases of severe exposure, irritation may develop

### Contact with skin

At elevated temperatures, the hot product may cause severe skin burns. Prolonged or repeated contact with the skin may cause dermatitis.

### Inhalation

At elevated temperatures, product vapours may cause irritation to the mucous membranes of the nose, the throat, bronchi, and lungs. Vapours may cause dizziness, headaches, nausea, unconsciousness. May release poisonous hydrogen sulphide gas.

### 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

- Oxides of nitrogen, sulphur and carbon may be formed
- Burning produces irritating, toxic and obnoxious fumes.

### 5.3 Advice for firefighters

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## SECTION 5: Firefighting measures (....)

- Water spray should be used to cool containers
- Do not allow run-off water to enter sewers and water sources.
- Wear self contained breathing apparatus and full protective clothing
- Prevent run off water from entering drains if possible

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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
- Wear protective clothing as per section 8
- Shut off source of leak if safe to do so

### 6.2 Environmental precautions

- Avoid release to the environment.
- Do not allow to enter public sewers and watercourses
- If polluted water reaches drainage systems or water courses, immediately inform appropriate authorities
- Prevent further spillage if safe

### 6.3 Methods and material for containment and cleaning up

- Ventilate area
- Absorb spillage in suitable inert material
- Do not absorb spillage in sawdust or other combustible material
- Sweep or shovel-up spillage and remove to a safe place
- Collect as much as possible in clean container for reuse or disposal

### 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

- Dispose of contents/container to an authorised waste collection point
- Avoid contact with skin and eyes
- Do not eat, drink or smoke when using this product.
- Use good personal hygiene practices
- Ensure adequate ventilation
- The inherent toxic and olfactory (sense of smell) fatiguing properties of hydrogen sulphide require that air monitoring alarms be used if concentrations are expected to reach harmful levels such as in enclosed spaces, heated transport vessels and spill or leak situations.
- Wear respiratory protection.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Shut off all ignition sources

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

- Do not handle until all safety precautions have been read and understood.

### 7.2 Conditions for safe storage, including any incompatibilities

- Store locked up.
- Keep only in the original container in a cool, well ventilated place
- Keep container tightly closed.
- Observe label precautions.
- Store in accordance with local regulations.

### 7.3 Specific end use(s)

- No information available

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Components with workplace control parameters

- Asphalt (CAS#: 8052-42-4)  
TWA (Fumes): 5 mg/m<sup>3</sup>  
TWA (Inhalable fume): 0.5 mg/m<sup>3</sup> (benzene soluble aerosol)  
TWAEV (Fumes): 5 mg/m<sup>3</sup>  
TWA (Inhalable fume): 0.5 mg/m<sup>3</sup> (benzene soluble aerosol)
- Rubber natural (CAS#: 9006-04-6)  
TWA: 0.001 mg/m<sup>3</sup> (Inhalable allergenic proteins)  
TWA (Inhalable): 0.001 mg/m<sup>3</sup> (Inhalable allergenic proteins)  
TWA (Inhalable particulate matter): 0.0001 mg/m<sup>3</sup> (Inhalable allergenic proteins)
- Hydrogen sulphide:  
WES-TWA: 55 ppm, 7 mg/m<sup>3</sup>  
WES-STEL: ppm, mg/3

### 8.2 Exposure controls



- Wash hands thoroughly after using this substance
- Contaminated work clothing should not be allowed out of the workplace.
- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Avoid contact with skin and eyes
- Use a suitable barrier cream to protect skin
- Ensure adequate ventilation
- Workers shall wear a respirator suitable for organic vapour (e.g., OV cartridge respirator) and work shall be arranged to maintain adequate ventilation.

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## SECTION 8: Exposure controls/personal protection (....)

- Engineering measures: Use of adequate ventilation should be sufficient to control worker exposure to airborne contaminants. If the use of this product generates dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure below any recommended or statutory limits.
- Respiratory protection: Use a properly fitted NIOSH approved air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. The filter class for the respirator must be suitable for the maximum expected contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product. If this concentration is exceeded, self-contained breathing apparatus must be used. For heated product: organic vapour filter cartridge or canister with a dust, fume or mist filter (R, or P series) may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air-purifying respirators is limited.
- Hand protection: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- Eye protection: Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary.
- Skin protection: Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific work-place

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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- Physical state: Solid
- Colour: Black
- Odour: Characteristic odour
- Melting point/Range: Not available
- Boiling Point/Range: No information available
- Flammability: No information available
- 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: 1.15 ± 0.1 g/cm<sup>3</sup>
- Vapour Density: Not available
- Particle characteristics: NA

### 9.2 Other information

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

### 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

- Avoid overheating

### 10.5 Incompatible materials

- Incompatible with acids and alkalis
- Incompatible with oxidizing substances
- Incompatible with chlorine and pure oxygen.

### 10.6 Hazardous decomposition products

- Decomposition products may include oxides of nitrogen, sulphur and carbon
- Decomposition products may include toxic fumes

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## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

IF SWALLOWED: At elevated temperatures, severe irritation or burns to the mouth, throat, oesophagus, and stomach.

IF IN EYES: At elevated temperatures, hot material can cause burns. Vapor irritates eyes.

IF ON SKIN: At elevated temperatures, the hot liquid may cause severe skin burns. Prolonged or repeated contact with the skin may cause dermatitis.

IF INHALED: At elevated temperatures, product mist or vapors may irritate the mucous membranes of the nose, the throat, bronchi, and lungs. Dizziness, headaches, nausea, unconsciousness. May release poisonous hydrogen sulphide gas.

CHRONIC TOXICITY: At application temperature, inhalation may affect the nervous system causing headache, possibly dizziness, nausea, weakness, loss of coordination and unconsciousness. Suspected of causing cancer.

### 11.2 Information on other hazards

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## SECTION 11: Toxicological information (....)

### 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

### 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

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## SECTION 14: Transport information (....)

### 14.4 Environmental hazards

- No information available

### 14.5 Special precautions for user

- No information available
- Tunnel Bulk Restriction Codes: D

### 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

### 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:- H315: Causes skin irritation. H360FD: May damage fertility. May damage the unborn child. H400: Very toxic to aquatic life. H410: Very 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.

--- end of safety datasheet ---

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