



## SAFETY DATA SHEET

### Aquathane PUB200 - A

#### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

##### 1.1 Product identifier

Product name Aquathane PUB200 - A

##### 1.2 Relevant identified uses of the substance and uses advise against

Product uses Two component polyurethane-bitumen liquid membrane for waterproofing

##### 1.3 Details of the supplier of the safety data sheet

Company DCP Lebanon  
Port, Jamarek Street (Face Port Pharmacy),  
Rbeiz Bldg  
Lebanon  
Tel: +961 1 444 562  
Fax: +961 1 444 563  
[info.lebanon@dcp-int.com](mailto:info.lebanon@dcp-int.com)

##### 1.4 Emergency telephone number

Emergency telephone number ++961 1 444 562 (available during office hours)

#### SECTION 2: HAZARD IDENTIFICATION

##### 2.1 Classification of the substance or mixture

###### Classification

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

##### 2.2 Label elements



###### Hazard pictograms

Signal word(s) Warning.

###### Hazard statement

H226	Flammable liquid and vapour.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H373	May cause damage to organs through prolonged or repeated exposure.



#### Precautionary statement

P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P260	Do not breathe vapours.
P280	Wear protective gloves, protective clothing, face protection, eye protection.
P233	Keep container tightly closed.
P210	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P271	Use only outdoors or in a well-ventilated area.
P501	Dispose of the contents/containers in accordance with the current legislation on waste treatment.

**Contains** Xylene.

#### Supplementary information

EUH204 - Contains isocyanates. May produce an allergic reaction.

**Other hazards** None.

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

**Substance/Mixture** Mixture.

<b>Xylene</b>	15-17%
<b>CAS number:</b> 1330-20-7	<b>EC number:</b> 215-535-7
<b>Classification</b> Flam. Liq. 3 - H226 Acute Tox. 4 (Dermal) - H312 Acute Tox. 4 (Inhalation) - H332 Skin Irrit. 2 - H315 Eye Irrit. 2 - H319 STOT SE 3 - H335 STOT RE 2 - H373 Asp. Tox. 1 - H304	<b>Classification (67/548/EEC or 1999/45/EC)</b> R10, R20/21, R36/37/38, R48, R65

The Full Text for all R-Phrases and Hazard Statements are Displayed in section 16.

### SECTION 4: FIRST AID MEASURES

#### 4.1 Description of first aid measures

##### General information

Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

##### In case of inhalation

Assure fresh air breathing. Allow the victim to rest. Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER/doctor if you feel unwell.



#### **In case of skin contact**

Take off immediately all contaminated clothing. Wash with plenty of water/.... Rinse skin with water/shower. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.

#### **In case of eye contact**

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

#### **In case of ingestion**

Rinse mouth. Do not induce vomiting. Obtain emergency medical attention.

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

#### **General**

Causes damage to organs.

#### **Inhalation**

Danger of serious damage to health by prolonged exposure through inhalation. Harmful if inhaled.

#### **Skin Contact**

Repeated exposure to this material can result in absorption through skin causing significant health hazard. Harmful in contact with skin. Causes skin irritation.

#### **Eye Contact**

Causes serious eye irritation.

### **4.3 Indication of any immediate medical attention and special treatment needed**

No additional information available.

## **SECTION 5: FIREFIGHTING MEASURES**

### **5.1 Extinguishing media**

#### **Suitable extinguishing media**

Foam. Dry powder. Carbon dioxide. Water spray. Sand.

#### **Unsuitable extinguishing media**

Do not use a heavy water stream.

### **5.2 Special hazard arising from the substance or mixture**

#### **Fire hazards**

Flammable liquid and vapour.

#### **Explosion hazards**

May form flammable/explosive vapour-air mixture.



### **5.3 Advice for firefighters**

#### **Fire-fighting instruction**

Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.

#### **Protection during firefighting**

Do not enter fire area without proper protective equipment, including respiratory protection.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

### **6.1 Personal precautions, protective equipment and emergency procedures**

#### **General measures**

Remove ignition sources. Use special care to avoid static electric charges. No open flames. No smoking.

#### **For non-emergency personnel**

Evacuate unnecessary personnel.

#### **Protective equipment**

Equip cleanup crew with proper protection.

#### **Emergency procedures**

Ventilate area.

### **6.2 Environmental precautions**

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

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

Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

### **6.4 Reference to other sections**

See Heading 8. Exposure controls and personal protection.

## **SECTION 7: HANDLING AND STORAGE**

### **7.1 Precaution for safe handling**

#### **Additional hazards when processed**

Handle empty containers with care because residual vapours are flammable.

#### **Precautions for safe handling**

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. No open flames. No smoking. Take precautionary measures against static discharge. Use only non-sparking tools. Use only outdoors or in a well-ventilated area. Avoid breathing fume, vapours, spray.

#### **Hygiene measures**

Wash hands thoroughly after handling.



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

### **Technical measures for storage**

Proper grounding procedures to avoid static electricity should be followed. Ground/bond container and receiving equipment. Use explosion-proof electrical equipment.

### **General conditions for storage**

Keep only in the original container in a cool, well ventilated place away from: Heat sources. Keep container tightly closed.

### **Incompatible products**

Amines. Alcohols. Strong bases. Strong acids

### **Incompatible materials**

Sources of ignition. Direct sunlight. Heat sources.

## **7.3     Specific end use(s)**

No additional information available.

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## **SECTION 8: EXPOSURE CONTROL/PERSONAL PROTECTION**

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### **8.1     Control parameters**

No additional information available

### **8.2     Exposure controls**

#### **Personal protective equipment**

Avoid all unnecessary exposure.

#### **Eye/face protection**

Chemical goggles or safety glasses

#### **Hand protection**

Wear protective gloves.

#### **Other skin and body protection**

Wear suitable protective clothing

#### **Respiratory protection**

Wear appropriate mask

#### **Other information**

Do not eat, drink or smoke during use.



## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

Physical state	Liquid
Colour	Transparent
Odour	Characteristic.
Odour threshold	Non-applicable
pH (concentrate)	Non-applicable
Melting point/range (°C)	Non-applicable
Boiling point/range (°C)	42
Flash point (°C)	Non-applicable
Flammability (solid/liquid)	Not applicable, Flammable liquid and vapour.
Ignition temperature (°C)	Non-applicable
Explosive Properties (%)	Non-applicable
Density (@20°C)	0,96 (0,95 - 1) g/cm <sup>3</sup>
Solubility	Organic solvents.
Viscosity, Kinematic (@20°C)	> 20,5 mm <sup>2</sup> /s
Viscosity, dynamic (@20°C)	1200 cP

### 9.2 Other information

VOC content	153 g/l
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## SECTION 10: STABILITY AND REACTIVITY

### 1.0 Reactivity

No additional information available

### 10.2 Chemical stability

Stable under recommended handling and storage conditions (see section 7).

### 10.3 Possibility of hazardous reactions

None under normal use.

### 10.4 Conditions to avoid

Direct sunlight. Extremely high or low temperatures. Open flame. Overheating. Heat. Sparks.

### 10.5 Incompatible materials

Strong acids. Strong bases. Water, amines and alcohols.



## 10.6 Hazardous decomposition products

Fume. Carbon monoxide. Carbon dioxide. May release flammable gases.

# SECTION 11: TOXICOLOGICAL INFORMATION

## 11.1 Information on toxicological effects

### Acute toxicity

Acute toxicity (oral)	Not classified
Acute toxicity (dermal)	Not classified
Acute toxicity (inhalation)	Not classified

### Skin corrosion/irritation

Causes skin irritation.

pH: Not applicable

### Serious eye damage/irritation

Causes serious eye irritation.

pH: Not applicable

Respiratory or skin sensitization	Not classified
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### Additional information

Based on available data, the classification criteria are not met

Germ cell mutagenicity	Not classified
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### Additional information

Based on available data, the classification criteria are not met

Carcinogenicity	Not classified
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### Additional information

Based on available data, the classification criteria are not met

Reproductive toxicity	Not classified
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### Additional information

Based on available data, the classification criteria are not met

STOT-single exposure	Not classified
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### Additional information

Based on available data, the classification criteria are not met

### STOT-repeated exposure

May cause damage to organs through prolonged or repeated exposure

Aspiration hazard	Not classified
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### Additional information

Based on available data, the classification criteria are not met



Viscosity, kinematic > 20,5 mm<sup>2</sup>/s

#### Potential adverse human health effects and symptoms

Harmful in contact with skin. Harmful if inhaled

### SECTION 12: ECOLOGICAL INFORMATION

#### 12.1 Toxicity

Not classified.

#### 12.2 Persistence and degradability

No data available.

#### 12.3 Bioaccumulative potential

No data available.

#### 12.4 Mobility in soil

No additional information available.

#### 12.5 Results of PBT and vPvB assessment

No data available.

#### 12.6 Other adverse effects

Avoid release to the environment.

### SECTION 13: DISPOSAL CONSIDERATION

#### Product/Packaging disposal recommendations

Dispose in a safe manner in accordance with local/national regulations. Dispose of contents/container to a hazardous or special waste collection point.

#### Additional information

Handle empty containers with care because residual vapours are flammable.

#### Ecology - waste materials

Avoid release to the environment.

### SECTION 14: TRANSPORT INFORMATION

#### 14.1 UN number

UN-No. (ADR)	1139
UN-No. (IMDG)	1139
UN-No. (IATA)	Not applicable
UN-No. (ADN)	Not applicable
UN-No. (RID)	Not applicable





#### 14.2 UN proper shipping name

Proper Shipping Name (ADR)	COATING SOLUTION
Proper Shipping Name (IMDG)	COATING SOLUTION
Proper Shipping Name (IATA)	Not applicable
Proper Shipping Name (ADN)	Not applicable
Proper Shipping Name (RID)	Not applicable
Transport document description (ADR)	UN 1139 COATING SOLUTION NOT SUBJECT TO THE PROVISIONS OF ADR - The product is packed in receptacles of less than 450 litres capacity. - Exempted according to 2.2.3.1.5 (Viscous substance exemption)), 3, III, (D/E)
Transport document description (IMDG)	UN 1139 COATING SOLUTION ( NOT SUBJECT TO THE PROVISIONS OF IMDG CODE FOR THE MARKING, LABELLING AND TESTING OF PACKAGES IN CHAPTERS 4.1, 5.2, AND 6.1. - The product is packed in receptacles not exceeding 30 L capacity - The following statement shall be included in the transport document: "Transport in accordance with 2.3.2.5 of the IMDG Code.", 3, III
Transport document description (IATA) special provision 223	Not restricted per IATA-DGR special provision A3 and ICAO

#### 14.3 Transport hazard class(es) ADR

Transport hazard class(es) (ADR)	3
Danger labels (ADR)	3



#### IMDG

Transport hazard class(es) (IMDG)	3
Danger labels (IMDG)	3



**IATA**

Transport hazard class(es) (IATA) Not applicable

**AND**

Transport hazard class(es) (ADN) Not applicable

**RID**

Transport hazard class(es) (RID) Not applicable

**14.4 Packing group**

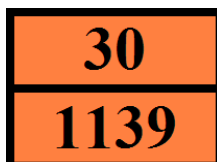
Packing group (ADR) III  
Packing group (IMDG) III  
Packing group (IATA) Not applicable  
Packing group (ADN) Not applicable  
Packing group (RID) Not applicable

**14.5 Environmental hazards**

Dangerous for the environment No  
Marine pollutant No  
Other information No supplementary information available

**14.6 Special precautions for user****Overland transport**

Classification code (ADR) F1  
Special provisions (ADR) 640E  
Limited quantities (ADR) 5I  
Excepted quantities (ADR) E1  
Packing instructions (ADR) P001, IBC03, LP01, R001  
Mixed packing provisions (ADR) MP19  
Transport category (ADR) 3  
Special provisions for carriage - Packages (ADR) V12  
Special provisions for carriage - Operation (ADR) S2  
Hazard identification number (Kemler No.) 30



Orange plates  
Tunnel restriction code (ADR) D/E  
EAC code •3YE

**Transport by sea**

Special provisions (IMDG) 955  
Limited quantities (IMDG) 5 L  
Excepted quantities (IMDG) E1  
Packing instructions (IMDG) P001, LP01  
IBC packing instructions (IMDG) IBC03  
EmS-No. (Fire) F-E



EmS-No. (Spillage)  
Stowage category (IMDG)

S-E  
A

#### **Air transport**

No data available

#### **Inland waterway transport**

No data available

#### **Rail transport**

No data available

#### **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable

### **SECTION 15: REGULATORY INFORMATION**

#### **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

##### **15.1.1. EU-Regulations**

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

VOC content : 153 g/l

##### **15.1.2. National regulations**

###### **Germany**

Reference to AwSV:

Water hazard class (WGK) 2, significant hazard to water (Classification according to AwSV, Annex 1)

12th Ordinance Implementing the Federal Immission Control Act - 12.BImSchV:

Is not subject of the 12. BImSchV (Hazardous Incident Ordinance)

###### **Netherlands**

SZW-lijst van kankerverwekkende stoffen:

None of the components are listed

SZW-lijst van mutagene stoffen:

None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Borstvoeding:

None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Vruchtbaarheid:

None of the components are listed

NIET-limitatieve lijst van voor de voortplanting giftige stoffen – Ontwikkeling:

xylene is listed

###### **Denmark**

Class for fire hazard:

Class II-1

Store unit:

5 liter



Classification remarks:

R10 <H226;H315;H319;H373>; Emergency management guidelines for the storage of flammable liquids must be followed

Danish National Regulations:

Young people below the age of 18 years are not allowed to use the product

Pregnant/breastfeeding women working with the product must not be in direct contact with the product

Persons suffering from asthma or eczema and persons who have chronic lung diseases, skin or respiratory allergies to isocyanates should not work with the material

The requirements from the Danish Working Environment Authorities regarding work with epoxy resins and isocyanates must be observed during use and disposal

## 15.2 Chemical assessment

No data available

## SECTION 16: OTHER INFORMATION

### Data sources

REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006.

### Other information

None.

Full text of H- and EUH-statements:	
Acute Tox. 4 (Dermal)	Acute toxicity (dermal), Category 4
Acute Tox. 4 (Inhalation)	Acute toxicity (inhal.), Category 4
Asp. Tox. 1	Aspiration hazard, Category 1
Eye Irrit. 2	Serious eye damage/eye irritation, Category 2
Flam. Liq. 3	Flammable liquids, Category 3
Skin Irrit. 2	Skin corrosion/irritation, Category 2
STOT RE 2	Specific target organ toxicity — Repeated exposure, Category 2
STOT RE 3	Specific target organ toxicity — Single exposure, Category 3, Respiratory tract irritation
H226	Flammable liquid and vapour.
H304	May be fatal if swallowed and enters airways.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.
H335	May cause respiratory irritation.
H373	May cause damage to organs through prolonged or repeated exposure.
EUH204	Contains isocyanates. May produce an allergic reaction.

### Disclaimer

The information contained herein is derived from the best available sources and is believed to be accurate. However, no guarantee is expressed or implied regarding the accuracy of the data given in the use of this product.