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**SAFETY DATA SHEET**

This Safety Data Sheet is provided in compliance with the EC Regulation 1907/2006-2015/830

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

## 1.1 Product identifier

- Product Name: DonProof PU-H50 - Hardener
- Product Part Number C02/08/05/163H

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

- Use of the substance/mixture: Spray applied, polyurea/polyurethane hybrid membrane for waterproofing and protection

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

- Name of Supplier: Don Construction Produ
- Address of Supplier: P.O. Box 24839, Doha, Qatar
- Telephone: +974 4 411 4004
- Fax: +974 4 411 4014
- Email: info.qatar@dcp-int.com

## 1.4 Emergency telephone number

- Emergency Telephone: +974 4 411 4004 (Available during office hours)
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**SECTION 2: Hazards identification**

## 2.1 Classification of the substance or mixture

- CLP: Eye Irrit. 2, STOT RE 2, Aquatic Chronic 2

## 2.2 Label elements



- Signal Word: Warning

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

- Hazard statements
  - H319 - Causes serious eye irritation.
  - H373 - May cause damage to organs through prolonged or repeated exposure.
  - H411 - Toxic to aquatic life with long lasting effects.
  
- Precautionary statements
  - P273 - Avoid release to the environment.
  - P280 - Wear protective gloves/protective clothing/eye protection/face protection.
  - P314 - Get medical advice/attention if you feel unwell.
  - P337+P313 - If eye irritation persists: Get medical advice/attention.
  - P391 - Collect spillage.
  - P501 - Dispose of contents/container in accordance with applicable regulations

## 2.3 Other hazards

- Contains: diethylmethylenediamine
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**SECTION 3: Composition/information on ingredients**

## 3.2 Mixtures

- diethylmethylenediamine
  - CAS Number: 68479-98-1
  - EC Number: 270-877-4
  - Concentration: 20 - 25%
  - Categories: STOT RE 2, Eye Irrit. 2, Aquatic Acute 1, Aquatic Chronic 1, Acute Tox. 4.
  - H Statements: H373, H319, H400, H302, H410, H302, H312

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

- Wash contaminated clothing before reuse.
- Inhalation  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
Get medical advice/attention if you feel unwell.
- Contact with skin  
Wash skin thoroughly with soap and water. Remove contaminated clothing. Get medical attention if irritation persists.
- Contact with eyes  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
Protect uninjured eye. Get immediate medical advice/attention.
- Ingestion  
IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
Get immediate medical advice/attention.

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

Eye irritation.  
Eye damages.

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

- In case of accident or unwellness, get immediate medical advice/attention.

**SECTION 5: Firefighting measures**

## 5.1 Extinguishing media

- Water, carbon dioxide

## 5.2 Special hazards arising from the substance or mixture

- Do not inhale explosion and combustion gases

## 5.3 Advice for firefighters

- Wear self contained breathing apparatus and full protective clothing
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**SECTION 6: Accidental release measures**

## 6.1 Personal precautions, protective equipment and emergency procedures

- Wear protective clothing as per section 8

## 6.2 Environmental precautions

- Avoid release to the environment.

## 6.3 Methods and material for containment and cleaning up

- Collect spillage.
- Retain contaminated washing water and dispose it.

## 6.4 Reference to other sections

- See Section 8 and 13
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**SECTION 7: Handling and storage**

## 7.1 Precautions for safe handling

- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Avoid contact with skin and eyes, inhalation of vapours and mists.
- Do not empty into drains
- Wash skin thoroughly after handling.
- Contaminated work clothing should not be allowed out of the workplace.
- Wear protective gloves/protective clothing/eye protection/face protection.
- Do not eat, drink or smoke when using this product.
- Ensure adequate ventilation
- Use good personal hygiene practices

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

- Store locked up.
- Keep away from food, drink and animal feedingstuffs
- Store in original, tightly closed containers

### 7.3 Specific end use(s)

- No information available
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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

- diethylmethylbenzenediamine  
DNEL  
Industry - Inhalation; Long term systemic effects: 0.13 mg/m<sup>3</sup>  
Industry - Dermal; Long term systemic effects: 1 mg/kg/day

### 8.2 Exposure controls



- Wear protective gloves/protective clothing/eye protection/face protection.
  - Wear goggles giving complete eye protection. Don't use eye lens.
  - Wear protective gloves. Gloves comply with EN ISO 374 are recommended. Break through times can vary depending on thickness, use and source. Change gloves regularly.
  - Provide eyewash station. Wash promptly with soap and water if skin becomes contaminated. Promptly remove any clothing that becomes wet or contaminated.
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## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

- Appearance: Liquid
- Colour: Grey
- Odour: Characteristic.
- Boiling Point/Range: Not determined.
- Flashpoint: > 100°C
- pH: Not determined.
- Specific Gravity: 1.09± 0.03
- Viscosity: 1,000.00 cPs
- Explosive Properties: Not determined.
- Solubility in water: Not determined.

**SECTION 10: Stability and reactivity**

## 10.1 Reactivity

- Stable under normal condition.

## 10.2 Chemical stability

- Considered stable under normal conditions

## 10.3 Possibility of hazardous reactions

- None.

## 10.4 Conditions to avoid

- Stable under normal condition.

## 10.5 Incompatible materials

- None in particular.

## 10.6 Hazardous decomposition products

- None.

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**SECTION 11: Toxicological information**

## 11.1 Information on toxicological effects

Acute toxicity -oral

LD50 oral (mg/kg): 738

Inhalation: Vapour may irritate respiratory system/lungs.

Ingestion: May cause stomach pain or vomiting.

Skin contact: May cause sensitisation by skin contact. May cause serious chemical burns to the skin.

Eye contact: Risk of serious damage to eyes. May cause chemical eye burns.

Acute and chronic health hazards: May cause sensitisation by skin contact. Causes severe burns.

Route of exposure: Skin and/or eye contact Inhalation

**SECTION 12: Ecological information**

## 12.1 Toxicity

- diethylmethylbenzenediamine  
LC50 (fish): 104 mg/l (96 hr)  
EC50 (daphnia): 5.8 mg/l (48 hr)

## 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

- 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
- 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

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**SECTION 14: Transport information**

UN No.: 3082

Proper Shipping Name: AMINES, LIQUID, CORROSIVE, N.O.S. or POLYAMINES, LIQUID, CORROSIVE, N.O.S.

Hazard Class: 9

Packing Group: III

**14.1 Air (ICAO/IATA)**

- ICAO UN No.: 3082
- Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(diethylmethylbenzenediamine)
- ICAO Hazard Class: 9
- ICAO Packing Group: III

**14.2 Road/Rail (ADR/RID)**

- ADR UN No.: 3082
- Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(diethylmethylbenzenediamine)
- ADR Hazard Class: 9
- ADR Classification Code: -
- ADR Packing Group: III

**14.3 Sea (IMDG)**

- IMDG UN No.: 3082
- Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(diethylmethylbenzenediamine)
- IMDG Hazard Class: 9
- IMDG Pack Group.: III

**14.4 Environmental hazards**

- On available data, substance is not harmful to the environment

**14.5 Special precautions for user**

- EmS: F-A, S-F
- ADR transport category: 3
- Emergency Action Code: N/A
- Hazard Identification Number: 90  
(ADR/RID)
- Tunnel code: (-)

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

- 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 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. 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. H410: Very toxic to aquatic life with long lasting effects. 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.