



# Material Safety Data Sheet

## Permaproof Waterproofer

Date: 18 January 2009

### 1. Identification of Substance / Preparation and Company.

**Product Name :** Permaproof Waterproofer

**Company :** Permagard Products Limited  
Chittening Industrial Estate  
Avonmouth  
Bristol  
BS11 0YB

**Telephone :** +44 (0) 117 938 1596

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### 2. Composition / Information on Ingredients.

Hazardous Ingredients	EC No.	CAS-No	Content	Classification
Sodium Silicate	215-687-4	1344-098	<10%	<b>Xi; R36/38</b>
Potassium Hydroxide	215-181-3	1310-58-3	<10%	<b>Xn; R22 C; R35</b>

### 3. Hazards Identification.

**Fire:** N/A.

**Environment:** N/A

**Inhalation:** Inhalation of vapour may cause shortness of breath.

**Eye Contact:** Causes burns. Causes severe inflammation and may damage the cornea.

**Skin Contact:** Causes burns.

**Ingestion:** Ingestion causes burns to the respiratory tract.

### 4. First Aid Measures.

**Inhalation:** Remove to fresh air.

**Eye Contact:** Irrigate with water for 15 minutes holding eye open. Seek immediate medical attention.

**Skin Contact:** Wash thoroughly with soap and water. Seek medical attention if symptoms persist.

**Ingestion:** Seek immediate medical attention. DO NOT induce vomiting.

### 5. Fire Fighting Measures.

**Extinguishing Media:** Use as appropriate: carbon dioxide (CO<sub>2</sub>), dry chemical, foam.

**Fire Hazards:** Corrosive. Burning produces irritating, toxic and obnoxious fumes.

**Protective Equipment:** Wear suitable respiratory equipment when necessary.

### 6. Accidental Release Measures.

**Personal Precautions:** Ensure adequate ventilation of the working area. Evacuate personnel to a safe area. Wear suitable protective equipment.

**Environmental Precaution:** Do not allow product to enter drains. Prevent further spillage if safe.

**Clean Up Methods:** Absorb with inert, absorbent material. Transfer to suitable, labelled containers for disposal. Clean spillage area thoroughly with plenty of water.

## 7. Handling and Storage.

**Handling:** Avoid contact with eyes and skin. Ensure adequate ventilation of the working area. Keep out of the reach of children.

**Storage:** Store in a dry place and protect from frost, high temperatures and direct sunlight.

## 8. Exposure Controls / Personal Protection.

Exposure limits

<b>Potassium Hydroxide</b>	WEL 8hr limit ppm: -	WEL 8-hr limit mg/m3:-
	WEL 15min limit ppm: -	WEL 15 min limit mg/m3: 2

**PPE:**

**Respirator:** Not required.

**Gloves:** Chemical resistant gloves.

**Eye / Face Protection:** Safety goggles recommended.

**Protective Clothing:** Wear chemical protective clothing.

## 9. Physical and Chemical Properties.

<b>Appearance:</b>	Red Gel.
<b>Odour:</b>	Faint chemical.
<b>Solubility in Water:</b>	Miscible in water.
<b>pH:</b>	10.5 – 11.5
<b>SG:</b>	1.02

## 10. Stability and Reactivity.

Product is stable under normal conditions. Avoid mixing with other chemicals.

## 11. Toxicological Information.

Potassium Hydroxide	Oral Rat LD50 = 273mg/kg
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## 12. Ecological Information.

Potassium hydroxide	Fish LC50/24h = 44 mg/l
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## 13. Disposal Considerations.

Do not empty into drains. This material and its container must be disposed of in a safe way. Consideration should be given to recycling of the outer packaging of this product. The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

## 14. Transport Information.

**Proper Shipping Name:**

**UN No:**

**Packaging Group:**

**ADR Class:**

**ADR Item No:**

**HI No:**

**IMDG:**

**Marine Pollutant:**

**IATA:**

## 15. Regulatory Information.

**Hazard Symbols:** C - Corrosive



**Risk Phrases:** R34 - Causes burns.

**Safety Phrases:** S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S28 - After contact with skin, wash immediately with plenty of water.  
S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection.  
S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).

## 16. Other Information.

**Text of risk phrases  
In Section 2** R22 - Harmful if swallowed.  
R35 - Causes severe burns.  
R36/38 - Irritating to eyes and skin.

**Legal Disclaimer:** The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.