

## SAFETY DATA SHEET

DRYZONE DAMP-RESISTANT PLASTER

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Compilation date: 30/09/2015

Revision No: 1

### Section 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1 Product identifier

**Product name:** DRYZONE DAMP-RESISTANT PLASTER

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

**Use of substance / mixture:** Renovation plaster for use on damp and salt contaminated walls.

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

**Company name:** Safeguard Europe Ltd

Redkiln Close

Redkiln Way

Horsham

West Sussex

RH13 5QL

United Kingdom

**Tel:** +44 (0) 1403 210204

**Fax:** +44 (0) 1403 217529

**Email:** info@safeguardeurope.com

#### 1.4. Emergency telephone number

**Emergency tel:** +44 (0) 1403 210204

### Section 2: Hazards identification

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

**Classification under CLP:** Skin irritation 2  
Skin sensitization  
Eye damage 1

#### 2.2. Label elements

##### Label elements under CLP

**Hazard statements:** H315 Causes skin irritation  
H317 May cause allergic skin reaction  
H318 Causes serious eye damage

**Signal word:** Danger

**Hazard pictograms:**



**Precautionary statements:** P102 Keep out of reach of children  
P261 Avoid breathing dust  
P264 Wash hands thoroughly after handling  
P280 Wear protective gloves/protective clothing/eye protection  
P302+P352 IF ON SKIN: wash with plenty of soap and water  
P332+P313 IF SKIN irritation occurs: get medical advice  
P305+P351 P338 IF IN EYES: Rinse cautiously with water for several minutes, remove contact lenses, if present and easy to do. Continue rinsing  
P362 Take off contaminated clothing and wash before reuse

#### 2.3. Other hazards

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PBT:

### Section 3: Composition/information on ingredients

#### 3.2. Mixtures

Hazardous ingredients:

Component	CAS	EC No.	CLP Classification	Percent
Ordinary Portland cements (OPC)	65997-15-1	266-043-4	H315 Skin irritation 2 H317 Skin sensitization H318 Eye damage 1 H335 Stot Se 3	<25% w/w
Hydrated Lime	1305-62-0	215-137-3	H315 Skin irritation 2 H318 Eye damage 1 H335 Stot Se 3	<10% w/w

Contains:

### Section 4: First aid measures

#### 4.1. Description of first aid measures

- Skin contact:** For dry powder, remove contamination and rinse with copious water. For wet product, wash skin with water. Remove contaminated clothing. Seek medical treatment in all instances of irritation or burn.
- Eye contact:** Irrigate eyes with isotonic eye wash or clean water (remove contact lens if applicable) for at least 45 minutes. Do not rub eyes as additional mechanical damage to the cornea is possible. Obtain medical advice.
- Ingestion:** After significant ingestion: Do not induce vomiting. If person is conscious wash mouth with water and give copious quantities of water to drink. Seek medical advice immediately.
- Inhalation:** After significant inhalation: Move person to fresh air. Seek medical treatment if irritation or discomfort occurs.

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

Delayed / immediate effects:

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

Immediate / special treatment:

### Section 5: Fire-fighting measures

#### 5.1. Extinguishing media

**Extinguishing media:** Use most appropriate measure or media to extinguish surrounding fire. If using water be aware of potential for strong alkali run-off.

#### 5.2. Special hazards arising from the substance or mixture

**Exposure hazards:** The substance is non-flammable. Not considered to be an explosion hazard. When heated in excess of 580 °C some calcium oxide may be formed.

#### 5.3. Advice for fire-fighters

Advice for fire-fighters:

### Section 6: Accidental release measures

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

**Personal precautions:** Avoid contact with skin and eyes, keep dust levels to a minimum (See section 8). Ensure adequate ventilation or suitable respiratory protective equipment is used.

#### 6.2. Environmental precautions

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**Environmental precautions:** Contain the spillage; keep the material dry if possible. Do not wash into water courses or drainage systems as this can cause a rapid pH change harmful to the aquatic environment.

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

**Clean-up procedures:** **For dry spills** avoid actions that cause dust to become airborne. Spills should be swept or scooped up mechanically and containerised for disposal or reprocessing. Vacuuming may be used to reduce dust.

**For wet spills (mixed material)** allow the material to set if it presents no risk to watercourse or drains. Alternatively transfer to container and allow to set.

#### 6.4. Reference to other sections

Reference to other sections:

### Section 7: Handling and storage

#### 7.1. Precautions for safe handling

**Handling requirements:** Use protective equipment (see section 8). Avoid generation of dust and keep dust levels to a minimum. Carrying bags can cause personal injury, ensure operation is conducted in accordance with current manual handling legislation.

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

**Storage conditions:** Store in a dry environment where possible and minimise contact with moisture. Keep out of reach of children. Packed materials should be stored in unopened bags; pallets should remain wrapped and stored in a stable manner in an appropriate storage area.

#### 7.3. Specific end use(s)

**Specific end use(s):** Products have a maximum recommended shelf life of one year from manufacture date under ideal conditions. Expired products should be disposed of according to local legislation.

### Section 8: Exposure controls/personal protection

#### 8.1. Control parameters

**WEL 8 Hr TWA (Time Weighted Average):** 10 mg m<sup>-3</sup> Total inhalable dust  
4 mg m<sup>-3</sup> Respirable dust

#### DNEL/PNEC Values

DNEL / PNEC:

#### 8.2. Exposure controls

**Engineering measures:** Avoid contact with skin and eyes, minimise generation of dust. Wear personal protective equipment and wash exposed skin and face after use. The use of barrier cream may also be considered. Do not smoke eat or drink when using product.

**Respiratory protection:** Use respiratory protection compliant with appropriate EU standard. Air stream helmets should be used for heavy or prolonged exposure.

**Hand protection:** Use impermeable gloves, as good practice wash hands after use.

**Eye protection:** Tight fitting goggles with side protection or a full face shield are recommended. Access to emergency eye-wash is recommended

**Skin protection:** Use appropriate closed long sleeved protective clothing, if contact with wet mortar is likely then waterproof clothing should be considered. Suitable safety footwear should be used.

**Environmental exposure controls:** Follow best practice for site management and disposal of waste.

### Section 9: Physical and chemical properties

#### 9.1. Information on basic physical and chemical properties

**State:** Solid (powder)

**Appearance:** Coloured granular powder blend.

**Odour:** Slightly earthy odour

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**Solubility in water:** Slight (~0.1 to 1.0 g in 100 ml water)

**pH:** > 12 in aqueous solution

**Boiling/Melting point:** Decomposition at 580 °C to CaO and water

**Flammability:** Not flammable

**Explosive properties:** Not explosive

**Particle size:** Approx 5 µm to granular chips

**Density (dry):** 1.2 to 1.8 tonne m<sup>-3</sup>

#### 9.2. Other information

Other information:

### Section 10: Stability and reactivity

#### 10.1. Reactivity

**Reactivity:** Stable under normal conditions of use and storage (see section 7).

#### 10.2. Chemical stability

**Chemical stability:** Will harden to a stable mass following addition of water.

#### 10.3. Possibility of hazardous reactions

**Hazardous reactions:**

#### 10.4. Conditions to avoid

**Conditions to avoid:** Exposure to moisture and high humidity during storage will adversely affect the product.

#### 10.5. Incompatible materials

**Materials to avoid:** Exposure to aluminium can liberate hydrogen gas.

#### 10.6. Hazardous decomposition products

**Haz. decomp. products:** When heated in excess of 580 °C calcium oxide may be formed.  
When heated in excess of 825 °C calcium oxide fumes and carbon dioxide are liberated.

### Section 11: Toxicological information

#### 11.1. Information on toxicological effects

#### Symptoms / routes of exposure

**Skin contact:** Exposure to dry or wet product may cause cracking or lesions in the skin. Prolonged contact can cause severe burns.  
Direct contact with product may cause corneal damage by mechanical abrasion, inflammation or irritation.

**Eye contact:** Larger amounts of contact may cause effects from moderate eye irritation to chemical burns and irreversible damage.

**Ingestion:** Large quantities may cause irritation to the gastrointestinal tract.

**Inhalation:** May irritate the respiratory tract, coughing, sneezing and shortness of breath may occur following exposure to levels in excess of occupational exposure limits.  
**Inhalation:** Chronic exposure in excess of occupational exposure limits may cause irreversible damage to the respiratory tract.

**Delayed / immediate effects:** **Contact dermatitis/Sensitising effect:** Some individuals may exhibit eczema upon repeated exposure to the wet product, caused by the high pH inducing contact dermatitis.

### Section 12: Ecological information

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**12.1. Toxicity**

**Ecotoxicity:** The product is not expected to be hazardous to the environment under normal conditions of use. Large amounts of product entering the aquatic environment may be toxic to aquatic life due to the significant rise in pH.

**12.2. Persistence and degradability**

**Persistence and degradability:** Inorganic material, after product has hardened it affords no toxic risk

**12.3. Bioaccumulative potential**

**Bioaccumulative potential:**

**12.4. Mobility in soil**

**Mobility:** Not expected to transport to groundwater in case of spill, dust may become airborne.

**12.5. Results of PBT and vPvB assessment**

**PBT identification:**

**12.6. Other adverse effects**

**Other adverse effects:**

**Section 13: Disposal considerations****13.1. Waste treatment methods**

**Disposal operations:** Dispose of waste material and empty sacks at a site authorised to accept builders waste or according to local and national regulations.  
Materials that have exceeded the shelf life should not be used and should be disposed of in accordance to local and national legislation.

**NB:**

**Section 14: Transport information**

**Classification:** Not classified as hazardous for air, sea or road freight.  
No special precautions apply, refer to section 8

**14.1. UN number**

**UN number:**

**14.2. UN proper shipping name**

**Shipping name:**

**14.3. Transport hazard class(es)**

**Transport class:**

**14.4. Packing group**

**Packing group:**

**14.5. Environmental hazards**

**Environmentally hazardous:**

**14.6. Special precautions for user**

**Special precautions:**

**Tunnel code:**

**Transport category:**

**Section 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

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Pictograms:



Signal word: Danger

Classification according to Regulation (EC) No1272/2008.

### 15.2. Chemical Safety Assessment

## Section 16: Other information

### Other information

**Other information:** Data sheet updated in accordance with REACH Directive Annex II.

**Phrases used in s.2 and s.3:** Skin irritation 2  
Skin sensitization  
Eye damage 1

#### Hazard statements

H315 Causes skin irritation  
H317 May cause allergic skin reaction  
H318 Causes serious eye damage

#### Precautionary statements

P102 Keep out of reach of children  
P261 Avoid breathing dust  
P264 Wash hands thoroughly after handling  
P280 Wear protective gloves/protective clothing/eye protection  
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P332+P313 IF SKIN irritation occurs: get medical advice  
P305+P351 P338 IF IN EYES: Rinse cautiously with water for several minutes, remove contact lenses, if present and easy to do. Continue rinsing  
P362 Take off contaminated clothing and wash before reuse  
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.

**Legal disclaimer:**