

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

**1.1 Product Identifier**

**Product name:** PLATINUM AQUA STOP

**Application:** Cement based powder for instant stopping of water leaks.

**1.2 Details of the supplier of the safety data sheet**

**Company name:** Platinum Building Chemicals  
65 Colvilles Place  
Kelvin Industrial Estate  
East Kilbride  
Lanarkshire  
G75 0PZ  
United Kingdom

**Tel:** 01355 222 777

**Email:** info@platinumchemicals.co.uk

**1.3 Emergency telephone number**

**Emergency tel:** 01355 222 777  
(office hours only)

**Section 2: Hazards identification**

**2.1 Classification of the substance or mixture**

**Classification under CLP:** Xi;R37/38, R41.

**Most important adverse effects:** Prolonged contact with wet cement/mixture may cause burns.

The grain size distribution of silica sand means it is not hazardous. However, any respirable crystalline silica dust generated by processing and handling of silica sand may cause health effects. Prolonged and/or massive inhalation of respirable crystalline silica dust may cause lung fibrosis, commonly referred to as silicosis. Occupational exposure to respirable crystalline silica dust should be monitored and controlled.

Risk of serious damage to eyes. Irritating to respiratory system and skin.

**Section 3: Composition/information on ingredients**

**3.1 Mixtures**

Name	EC No.	CAS-No.	Content	Classification
Portland Cement (Ordinary)	266-043-4	65997-15-1	30%-60%	Xi;R37/38,R41.*

\*The full text for all R-Phrases are displayed in Section 15

**Section 4: First aid measures**

**4.1 Description of first aid measures**

**Inhalation:** Remove victim immediately from source of exposure. Move into fresh air and keep at rest. Get medical attention

**Ingestion:** Rinse mouth thoroughly. DO NOT induce vomiting. Get medical attention immediately.

**Skin Contact:** Wash off promptly and flush contaminated skin with water. Promptly remove clothing if soaked through and flush skin with water. Get medical attention immediately if symptoms occur after washing.

**Eye Contact:** May cause permanent damage if eye is not immediately irrigated. Get medical attention immediately. Continue to rinse.

## Section 5: Fire-fighting measures

**Fire-fighting measures:** Product is not combustible

## Section 6: Accidental release measures

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

**Personal precautions:** Risk of contact: wear protective gloves and goggles/face shield. Avoid contact with skin and eyes.

## Section 7: Handling and storage

### 7.1 Precautions for safe handling

**Handling requirements:** Avoid inhalation of dust and contact with skin and eyes. If ventilation is insufficient, suitable respiratory protection must be provided.

## Section 8: Exposure controls/personal protection

### 8.1 Control Parameters

**Workplace exposure limits:** No data available.

### 8.2 DNEL/PNEC Values

**DNEL/PNEC:** No data available.

### 8.3 Exposure Controls

**Engineering Measures:** Provide adequate ventilation. Observe Workplace Exposure Limits and minimise the risk of inhalation of dust

**Respiratory protection:** Respiratory protection must be used if air contamination exceeds acceptable level. Use respiratory equipment with particle filter, type P1.

**Hand protection:** Wear protective gloves. Gloves of nitrile rubber, PVA or Viton are recommended.

**Eye protection:** Use approved safety goggles or face shield.

**Hygiene Measures:** Wash promptly if skin becomes wet or contaminated. Isolate contaminated clothing and wash before reuse. Promptly remove non-impervious clothing that becomes wet or contaminated.

## Section 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**Appearance:** Powder, dust

**Colour(s):** Grey

**Odour:** Cement

**Solubility:** Aqueous solutions are basic.

**pH value:** (Diluted solution) >12

## Section 10: Stability and reactivity

### 10.1 Stability

**Personal precautions:** Stable when stored in a dry place.

### 10.2 Conditions to avoid

**Conditions to avoid:** Water, moisture. Avoid contact with strong reducing agents. Avoid frost.

### 10.3 Materials to avoid

**Materials to avoid:** Avoid contact with acids.

## Section 11: Toxicological information

### 11.1 Symptoms/routes of exposure

**Inhalation:** Dust irritates the respiratory system and may cause coughing and difficulties in breathing.

**Ingestion:** May cause chemical burns in mouth, oesophagus and stomach.

**Skin contact:** The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals after repeated contact.

**Eye contact:** Risk of serious damage to eyes.

**Health Warnings:** May cause allergic contact eczema. May cause chemical eye burns.

## Section 12: Ecological information

### 12.1 Toxicity

**Ecotoxicity values:** Little danger to the environment.

### 12.2 Persistence and degradability

**Degradability:** This product is not biodegradable.

### 12.3 Bioaccumulative potential

**Bioaccumulation:** No bioaccumulation potential.

### 12.4 Mobility

**Mobility:** The product is insoluble in water and will sediment in water systems.

## Section 13: Disposal considerations

### 13.1 Waste treatment methods

**Disposal operations:** Dispose of waste and residues in accordance with local authority requirement.

## Section 14: Transport information

**General:** This product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID). No transport warning sign required.

## Section 15: Regulatory information

### 15.1 Label elements

**Labelling:** Irritant.



### 15.2 Risk phrases

**R41:** Risk of serious damage to eyes.  
**R37/38:** Irritating to respiratory system and skin.

### 15.3 Safety phrases

**S24/25:** Avoid contact with skin and eyes.  
**S26:** In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
**S37/39:** Wear suitable gloves and eye/face protection.  
**S51:** Use only in well ventilated areas.  
**S22:** Do not breathe dust.

### 15.4 EU directives

**Dangerous Substance Directive:** 67/548/EEC  
**Dangerous Preparations Directive:** 1999/45/EC

### 15.5 Other

**Statutory instruments:** Control of Substances Hazardous to Health.  
Chemicals (Hazard Information and Packaging) Regulations.

**Guidance notes:** Workplace Exposure Limits EH40.  
Introduction to Local Exhaust Ventilation HS(G)37.  
CHIP for everyone HSG(108).

**National regulations:** Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.No.1689.  
Workplace Exposure Limits 2005 (EH40).  
Control of Substances Hazardous to Health Regulations 2002 (as amended).  
The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2007 (CDG 2007).

## Section 16: Other information

### 16.1 Other information

**Legal disclaimer:** Whilst every care has been taken to ensure that this product can be used for the purpose for which it is intended, Platinum Building Chemicals Ltd have no control over the way that the product is used, the workmanship or application of the products. The information given here has been compiled on the basis of available knowledge in accordance with the requirements of the Chemical Hazards Information and Packaging Regulation 1997.

[cont...]

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**PLATINUM AQUA STOP**

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This does not imply that the information is complete or accurate in all cases and no guarantee can be given that is complete and accurate. It is the user's responsibility to take adequate measures to satisfy themselves as to the application and suitability of the information and/or recommendations given for their own use.

Depending on the nature and condition of the applicable surface, it is recommended that users ascertain suitability of product for own use by carrying out sample tests to surfaces as and when necessary. It is recommended that, in order to comply with the terms and conditions of the twenty five year guarantee, qualified operatives should be employed.