



# ECOZMART

## WATERPROOFING



### Material Safety Data Sheet

#### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME EcoZmart Waterproofing

PRODUCT NO. EZM01

#### 2 HAZARDS IDENTIFICATION

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

CLASSIFICATION Xi;R37/38, R41.

##### HUMAN HEALTH

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

#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

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 16

#### 4 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 promptly if symptoms occur after washing.

##### EYE CONTACT

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

#### 5 FIRE-FIGHTING MEASURES

Product is not combustible.

#### 6 ACCIDENTAL RELEASE MEASURES

##### PERSONAL PRECAUTIONS

Risk of contact: Wear protective gloves and goggles/face shield. Avoid contact with skin and eyes.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

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

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name Std LT - ppm LT - mg/m<sup>3</sup> ST - ppm ST - mg/m<sup>3</sup> 10 mg/m<sup>3</sup> total dust

PORTLAND CEMENT (ORDINARY)

### INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

MEL = Maximum Exposure Limit.

OES = Occupational Exposure Standard.

### PROTECTIVE EQUIPMENT

#### ENGINEERING MEASURES

Provide adequate ventilation. Observe Workplace Exposure Limits and minimise the risk of inhalation of dust.

#### RESPIRATORY EQUIPMENT

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.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE Powder, dust COLOUR White/Grey

ODOUR Cement

SOLUBILITY Aqueous solutions are basic.

pH-VALUE, DILUTED SOLUTION >12

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable when stored in a dry place.

### CONDITIONS TO AVOID

Water, moisture. Avoid contact with strong reducing agents. Avoid frost.

### MATERIALS TO AVOID

Avoid contact with acids.

## 11 TOXICOLOGICAL INFORMATION

### 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.

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

Little danger to the environment.

### MOBILITY

The product is insoluble in water and will sediment in water systems.

### BIOACCUMULATION

The product is not bioaccumulating.

### DEGRADABILITY

The product is not biodegradable.

## 13 DISPOSAL CONSIDERATIONS

### DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirement

## 14 TRANSPORT INFORMATION

GENERAL The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA,

ADR/RID). No transport warning sign required.

MARINE POLLUTANT No.

## 15 REGULATORY INFORMATION

### LABELLING

Irritant

### RISK PHRASES

R41 Risk of serious damage to eyes.

R37/38 Irritating to respiratory system and skin.

### 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.

### EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC.

### 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

The 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)

#### 16 OTHER INFORMATION

REVISION DATE /03/08/2016

RISK PHASES IN FULL

R37/38: IRRITATING TO RESPIRATORY SYSTEM  
AND SKIN

R41: RISK OF SERIOUS DAMAGE TO EYES

#### About this information

Whilst every care has been taken to ensure that this product can be used for the purpose for which it is intended. EcoZmart 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.

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 qualified operatives should be employed.

**Product Name:** EcoZmart Structural Protection System & Waterproofing

**Application:** Cement Based Strengthening & Waterproofing Powder

**International Manufacturing Division, Brand Owner & Supplier:**

TCO International Holdings LTD

128 City Road, London, EC1V 2NX, United Kingdom

