

# SAFETY DATA SHEET

## EcoFILL

Substance: EcoFILL Hydraulically Bound Mixtures



### 1 Identification of Substance

EcoFILL Hydraulically Bound Mixture(s)

### 2 Composition

EcoFILL is a blended mixture of:-

- Inert soil/aggregate (derived from construction and demolition waste)
- Cementitious binders being either cement, lime, gypsum and/or PFA (pulverised fly ash) in quantities of between 2-15%
- Water
- Admixtures

### 3 Hazard Identification

The blended product presents no major hazard in its own right due to the minimal added content of the binder material. However, there may be a small residual risk of contact with binder material once produced.

Consider that all binder materials fall within the following Risk Phrases and Safety Phrases, should any binder not have been fully blended during the mixing/blending process.

**Risk Phrase** R37/38, R41

**Safety Phrase** S22, S24/25, S26, S36/37/39

Details of Risk/Safety Phrases can be found in Section 16.w.

### 4 First Aid Measures

**Inhalation of dusts** Remove to fresh air, give water to drink.

**Skin contact** Wash with water. Prolonged contact may cause minor irritation.

**Eye contact** Contact with eyes may cause irritation. Remove from source and irrigate eye(s) with clean water. If contamination is still present in eye, seek medical aid.

**Ingestion** Remove to fresh air and give water to drink. Do not induce vomiting, seek medical aid.

### 5 Fire Fighting Measures

Non-flammable product and will inhibit the spread of flame.

### 6 Accidental Release Measures

#### Personal precautions

Should there be an uncontrolled release, personnel should wear suitable hand and eye protection. If the product is exceptionally dry/dusty in windy conditions then respiratory protection may also be required.

#### Environmental precautions

This product is inert and non-damaging to the environment.

#### Method of cleaning

Large quantities may be removed by mechanical means, whilst lesser/smaller amounts may be swept up and disposed of in line with local requirements for non-hazardous inert aggregates.

### 7 Handling and Storage

#### Handling

These products will normally be handled by mechanical means. Eye and respiratory protection should be worn during dry dusty conditions.

#### Storage

This product may be stored externally in designated stockpiles.

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**DAY**  
AGGREGATES

# SAFETY DATA SHEET

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### 8 Exposure Controls and PPE Requirements

Use dust extraction methods if WEL is exceeded.

Refer to current edition of HSE Guidance EH40 for current exposure limits.

**Current total dust** WEL 10mg/m<sub>3</sub> based on 8hr TWA

**Current inhalable dust** WEL 4mg/m<sub>3</sub>

**Current respirable silica (crystalline)** WEL 0.1mg/m<sub>3</sub>

**Respiratory protection** Dust masks to EN 149:2001 FFP2 minimum standard.

**Hand protection** Gloves, which should be sturdy enough to resist direct contact with material.

**Skin protection** Gloves and barrier creams. Also wear overalls for better whole body protection.

**Eye protection** Close fitting goggles, sized to suit/fit over spectacles (where worn).

### 9 Physical and Chemical Properties

Granular in appearance of varying graded sizes usually black or dark grey with small moisture content which prevents dust release. Additional information available on request.

### 10 Stability and Reactivity

Product is stable under normal working conditions.

### 11 Toxicological Information

Respirable fine powder could, if inhaled over a long time period, cause health effects.

### 12 Ecological Information

These products have nil negative ecological effects.

### 13 Disposal Consideration

As an inert fill. May be disposed of in landfill as solid waste.

### 14 Transport Information

There are no specific transport restrictions on these types of substances.

Normally transported by tipper or possibly as bagged material on request.

### 15 Regulatory Information

Not classified.

### 16 Other Information

#### Risk Phrases

R37/38 Irritating to respiratory system and skin

R41 Risk of damage to eyes

#### Safety Phrases

S22 Do not breathe dust

S24/25 Avoid contact with skin and eyes

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical aid

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection

Train staff in use of PPE

Recommended uses and application within construction and industrial applications

Data used to compile this Data Sheet

EH40

PPE Regulations

COSHH Regulations

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