

## FGI 12 Flexible Fine Grain Wall & Floor Grout 1-12mm, 5kg



### DESCRIPTION:

StoneFix FGI 12 is a fast setting professional and highly flexible ultra smooth wall and floor grout which has been developed for tiles with joint widths between 1-12mm. FGI 12 is ideal for internal and external use in both wet and dry conditions, including swimming pools.

### FEATURES:

- Natural Stone
- Timber / Underfloor Heating
- Internal / External
- Slump Free
- Porcelain / Ceramics / Mosaics
- Swimming Pools / Wet Areas
- Bio Stop / Water Repellent
- Eco Friendly



### CONTACT DETAILS:



StoneFix, Wetherby Group of Companies, Dalton Industrial Estate, Dalton, North Yorkshire, YO7 3HE. UK  
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## 1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY / UNDERTAKING

Product: STONEFIX FG I 12 FLEXIBLE FINE GRAIN WALL & FLOOR GROUT  
 Expected use: Stone/Ceramic floor and wall tile grout  
 Synonyms:  
 Company name: Stonefix - Wetherby Group of Companies  
 Dalton Industrial Estate  
 Dalton  
 North Yorkshire  
 YO7 3HE  
 Tel : 01845 578555  
 Fax : 01845 578777

## 2. COMPOSITION / INFORMATION ON INGREDIENTS

A blend of hydraulic silicates, aluminates, mineral fillers, rheology controlling admixtures and polymers

| Ingredient          | CAS N°     | % Composition | Classification / Symbol  | R Phrases |
|---------------------|------------|---------------|--|-----------|
| Portland Cement     | 65997-15-1 | 20 – 50 %     | Irritant  | R36/37/38 |
| High Alumina Cement | 65997-16-2 | 1 – 10%       | Irritant  | R36/37/38 |

## 3. HAZARD IDENTIFICATION

Classification of Substance

IRRITANT 

Description of Hazard

Contact with eyes: May cause irritation to the eyes

Contact with skin: May cause irritation to the skin

Inhalation: May cause irritation to the nose and mouth due to dust

Ingestion: May cause gastric irritation to some individuals

Cement when wet may cause burns therefore it is sensible to wear the appropriate protective clothing – see section 8.

## 4. FIRST AID MEASURES

### Eye contact

Irrigate with clean running water for at least 15 minutes.

Seek medical advice if irritation persists.

### Skin Contact

Wash off with copious amounts of water.

Seek medical attention if irritation persists.

### Ingestion

Drink copious amounts of water.

If large amounts are ingested, seek medical attention.

### Inhalation

Remove person to fresh air.

If recovery is not rapid, seek medical attention.

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## 5. FIRE FIGHTING MEASURES

|                                   |   |
|-----------------------------------|---|
| Special Circumstances/Conditions: | None  |
| Exposure Hazards:                 | No anticipated hazardous products of combustion |
| Personal Protective Equipment:    | Suitable protective clothing and gloves         |
| Extinguishing Media:              | CO <sup>2</sup> , foam                          |

## 6. ACCIDENTAL RELEASE MEASURES

### Minor Releases

|                           |  |
|---------------------------|--|
| Personal Protection:      | Suitable protective clothing, gloves   |
| Environmental Protection: | Avoid contamination of water ways and cultivated areas.  |
| Spill Control Guidance:   | Confine spill and sweep up or vacuum to avoid generating excessive dust.<br>Dispose of by landfill in accordance with local regulations. |
| Decontamination:          | Water spray  |

### Major Releases

|                           |  |
|---------------------------|--|
| Personal Protection:      | Suitable protective clothing, gloves   |
| Environmental Protection: | Avoid contamination of water ways and cultivated areas.  |
| Spill Control Guidance:   | Confine spill and sweep up or vacuum to avoid generating excessive dust.<br>Dispose of by landfill in accordance with local regulations. |
| Decontamination:          | Water spray  |

## 7. HANDLING AND STORAGE

|           |  |
|-----------|--|
| Handling: | Handle in well ventilated areas using methods that minimise dust.<br>Dispose of waste by landfill in accordance with local regulations.<br>Avoid contamination of water ways and cultivated areas. |
| Storage:  | Store in unopened bags clear of the ground in cool, dry conditions, protect from excessive draughts.<br>Keep out of the reach of children.   |

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Exposure Limit Values

| Substance / Ingredient | OEL 8hr TWA |                   | STEL |                   | Comments |
|------------------------|-------------|-------------------|------|-------------------|----------|
|                        | ppm         | mg/m <sup>3</sup> | ppm  | mg/m <sup>3</sup> |          |
| Total Inhalable Dust   |             | 10                |      |                   |          |
| Respirable Dust        |             | 4                 |      |                   |          |

### Occupational Exposure Controls

|                                  |  |
|----------------------------------|--|
| Respiratory:                     | Wear appropriate dust mask to maintain exposure below the OEL.                         |
| Hand:                            | Wear gloves when handling product.   |
| Eye:                             | Wear goggles when handling product.  |
| Skin:                            | Wear work wear that prevents any powder or powder / water mixture contacting the skin. |
| Environmental Exposure Controls: | Avoid contamination of water ways and cultivated areas.                                |

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                        |                                     |
|------------------------|-------------------------------------|
| Appearance:            | Grey powder                         |
| Odour:                 | None                                |
| pH:                    | 12 – 14 when wet                    |
| Boiling Point:         | Not applicable                      |
| Melting Point:         | Not applicable                      |
| Flash Point:           | Not applicable                      |
| Flammability Limits:   | Not flammable                       |
| Oxidising Properties:  | Not applicable                      |
| Vapour Pressure:       | Not applicable                      |
| Bulk Density:          | 1100 – 1500 kg/m <sup>3</sup>       |
| Specific Gravity:      | Not applicable                      |
| Solubility             | Water: <2%<br>Other: Not applicable |
| Partition Coefficient: | Not applicable                      |
| Viscosity:             | Not applicable                      |
| Vapour Density:        | Not applicable                      |
| Evaporation Rate:      | Not applicable                      |

## 10. STABILITY AND REACTIVITY

|                                   |                                |
|-----------------------------------|--------------------------------|
| Stability:                        | Stable                         |
| Conditions to avoid:              | None                           |
| Materials to avoid:               | Oxidising agents, strong acids |
| Hazardous decomposition Products: | None                           |
| Hazardous Polymerisation:         | Not applicable                 |

## 11. TOXICOLOGICAL DATA

|                                 |  |
|---------------------------------|--|
| Oral Toxicity:                  | Product is of low oral toxicity  |
| Dermal Toxicity:                | Product is of low dermal toxicity, although some irritation to skin may occur  |
| Sensitisation/Irritation:       | Persistent skin contact with wet product may give rise to sensitisation,<br>Irritant to eyes due to physical abrasion effects of powder and burning in wet condition |
| Carcinogenicity / Mutagenicity: | Not known  |
| Long Term Effects:              | Chronic effects – high repeated dosage above OEL may be linked to Rhinitis.  |

## 12. ECOLOGICAL INFORMATION

|                                |  |
|--------------------------------|--|
| Ecotoxicity:                   | May be toxic to aquatic life, although not classified as a marine pollutant. |
| Mobility:                      | Slightly soluble in water  |
| Persistence and Degradability: | Material is not biodegradable  |
| Bioaccumulative Potential:     | Not known  |
| Other Adverse Effects:         | Not known  |

## 13. DISPOSAL CONSIDERATIONS

### Descriptive

Dispose of this material to a landfill site, in accordance with local or national disposal regulations.  
Dispose of empty bags to a landfill site, or incinerator in accordance with local or national disposal regulations.

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## 14. TRANSPORT DATA

### Key Data

UN Number: Not required  
 Proper Shipping Name:  
 Class:  
 Packing Group:  
 Secondary Hazard:  
 ADR/RID:  
 IMDG:  
 EmS:  
 MFAG:  
 IATA:

## 15. REGULATORY INFORMATION

Classification: Irritant

Symbol: 

R Phrases: R36/37/38 - Irritating to eyes, respiratory system and skin  
 R34 - Causes burns when wet  
 R41 - Risk of serious damage to eyes

S Phrases: S2 - Keep out of the reach of children  
 S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice  
 S36/37/39 - Wear suitable protective clothing, gloves and eye/face protection

OEL: 10 mg/m<sup>3</sup> Total Inhalable Dust  
 4 mg/m<sup>3</sup> Respirable Dust

UK Regulatory References: Health and Safety at Work Act 1974  
 Chemicals (Hazard Information and Packaging for Supply) Regulations 2002 (CHIP 3)  
 Control of Substances Hazardous to Health Regulations 1994  
 EH40

## 16. OTHER INFORMATION

This data sheet complies with directives 1999/45/EC, 91/155/EEC, 2001/158/EC and 67/548/EEC as amended

This information has been compiled on the basis of our experience and to the best of our knowledge. It does not purport to be all inclusive and is only intended to be of assistance to the user. No responsibility for losses or damages may arise through the use of the product is therefore accepted.

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