

# Material Safety Data Sheet

NON HAZARDOUS – CHEMICAL IDENTIFICATION CODE NOT APPLICABLE

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

**Product Name** : TILEGRIP FX PLUS  
**HS CODE** : 38245000  
**Application** : High performance, fast setting, highly deformable, Slip resistant flexible cementitious tile adhesive  
**Manufacturer** : MATEX CONSTRUCTION CHEMICALS MANUFACTURING CO. L.L.C.  
**Address** : P.O. Box 29585  
**Telephone** : +971 4 3334140  
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**Website** : [www.matex-global.com](http://www.matex-global.com)

## 2. HAZARDS IDENTIFICATION:

Irritating to eyes, respiratory system and skin.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS:

| Ingredients     | % Composition | CAS No.    |
|-----------------|---------------|------------|
| Portland Cement | 20-40         | 65997-15-1 |
| Sand            | 70-80         | 14808-60-7 |
| Organic Polymer | 2-4           | 9063-87-0  |
| Cellulose       | 1-2           | 9032-42-2  |

## 4. FIRST AID MEASURES:

**Eyes** : Irrigate immediately with copious quantities of water for several minutes. Obtain medical attention if an irritation persists.  
**Skin** : Wash immediately with copious quantities of water. Remove contaminated clothing immediately. Obtain medical advice if skin disorders develop.

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**Inhalation** : Remove from exposure, rest and keep warm and obtain medical attention urgently.

**Ingestion** : Wash out mouth with water. Obtain medical attention.

## 5. FIRE FIGHTING MEASURES:

**Suitable Extinguishing Media** : None, not flammable.

**Special Exposure Hazards** : None

## 6. ACCIDENTAL RELEASE MEASURES:

**Personal Precautions** : Wear rubber boots in addition to the recommended protective clothing.

**Environmental Precautions** : Prevent entry into drains, sewers and water courses.

**Decontamination Procedures** : Avoid the creation of dust in atmosphere. Gather into containers. Residues may be flushed to drain with large volumes of water.

## 7. HANDLING AND STORAGE:

**Handling** : Avoid creating dust. Avoid breathing dust. In case of insufficient ventilation, wear suitable respiratory equipment. Avoid skin and eye contact.

**Storage** : Store in cool, dry area.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

### Occupational Exposure Limits:

| Substance            | 8 Hour TWA          | STEL  | Source/Other Information |
|----------------------|---------------------|-------|--------------------------|
| Calcium Hydroxide    | 5mgm <sup>3</sup>   | ..... | EH 40                    |
| Silica, Crystalline  |                     |       | EH 40                    |
| Respirable Dust      | 0.4mgm <sup>3</sup> | ..... | (MEL)                    |
| Portland Cement      |                     |       |                          |
| Total Inhalable Dust | 10mgm <sup>3</sup>  | ..... | EH 40                    |
| Respirable Dust      | 5mgm <sup>3</sup>   | ..... | EH 40                    |

**Engineering Control Measures** : Atmospheric levels of dust must be maintained within the occupational exposure limit. Where mechanical methods are inadequate or impractical, appropriate personal protective equipment must be used.

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**Personal Protective Equipment** : Impervious gloves (eg. PVC), goggles / safety glasses.  
Approved dust mask. Change contaminated clothing immediately and clean before re-use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES:

**Physical State** : Powder  
**Colour** : Grey & White  
**Odour** : Odourless  
**Boiling Point/Range (°C)** : Not applicable  
**Melting Point/Range (°C)** : Not applicable  
**Flash Point (closed) (°C)** : None  
**Autoflammability (°C)** : Not determined  
**Explosive Properties (%)** : Not known  
**Relative Density (at 20°C)** : 1.60  
**Water Solubility** : Insoluble

## 10. STABILITY AND REACTIVITY:

**Stability** : Stable  
**Conditions to avoid** : Exposure to air, contamination with water.  
**Materials to avoid** : Strong acids.  
**Hazardous Decomposition Products** : None

## 11. TOXICOLOGICAL INFORMATION:

**Health Effects:**  
**On Eyes** : Irritating and may injure eye tissue if not removed promptly. Abrasive material - may cause damage to eyes.  
**On skin** : Irritation. See "chronic" effects.  
**By Inhalation** : Irritating to respiratory system. Inflammation of the nasal mucous membrane by exposure to cement dust.  
**By Ingestion** : May cause irritation of mouth, throat and digestive tract.  
**Chronic** : Cement, cementitious grouts and mortars are known to cause both irritant and allergic contact dermatitis. Prolonged skin contact can result in chemical burns.

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## 12. ECOLOGICAL INFORMATION:

|                                      |   |                                                                                                                                                          |
|--------------------------------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Environmental / Assessment</b>    | : | Little detailed information is available on the ecological effects of this product, but its overall environmental impact is not regarded as significant. |
| <b>Persistence and Degradability</b> | : | Not readily biodegradable.                                                                                                                               |
| <b>Bio-accumulative Potential</b>    | : | Not expected to be bio-accumulative.                                                                                                                     |
| <b>Eco-toxicity</b>                  | : | Not expected to be eco-toxic to fish/daphnia/algae                                                                                                       |

## 13. DISPOSAL CONSIDERATIONS:

Disposal must be in accordance with local and national legislation.

|                                    |   |                                                                   |
|------------------------------------|---|-------------------------------------------------------------------|
| <b>Unused Product</b>              | : | Dispose of in an approved manner.                                 |
| <b>Used / Contaminated Product</b> | : | As for unused product.                                            |
| <b>Packaging</b>                   | : | The method of disposal must be acceptable to the local authority. |

## 14. TRANSPORT INFORMATION:

This product is NOT classified as dangerous for transport.

## 15. REGULATORY INFORMATION:

|                              |   |                                                                                                                                                                                                                            |
|------------------------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Hazard Label Data:</b>    |   |                                                                                                                                                                                                                            |
| <b>Named Ingredients</b>     | : | Cement powders                                                                                                                                                                                                             |
| <b>Symbol (s)</b>            | : | Xi                                                                                                                                                                                                                         |
| <b>Risk Phrases</b>          | : | Irritating to eyes, respiratory system and skin.                                                                                                                                                                           |
| <b>Safety Phrases</b>        | : | Do not breathe dust.<br>Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wear suitable protective clothing, gloves and eye/face protection. |
| <b>EC Directives</b>         | : | Dangerous Substances Directive 67/548/EEC and adaptations.<br>Dangerous Preparations Directive, 88/379/EEC<br>Safety Data Sheets Directive, 91/155/EEC.                                                                    |
| <b>Statutory Instruments</b> | : | Chemicals (Hazards Information and Packaging) reg. 1993 (SI 1746).                                                                                                                                                         |

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|                          |   |                                                                                                        |
|--------------------------|---|--------------------------------------------------------------------------------------------------------|
|                          |   | Health and Safety at work etc. Act 1974                                                                |
|                          |   | Control of Substances Hazardous to Health Reg. 1988 (SI 1657)                                          |
| <b>Codes of Practice</b> | : | Waster Management the Duty of Care                                                                     |
| <b>Guidance Notes</b>    | : | Occupational skin diseases: health and safety precautions (EH 26).                                     |
|                          |   | Dust in the workplace: general principles of protection (EH 44). Occupational exposure limits (EH 40). |

The above publications are available from HMSO

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## 16. OTHER INFORMATION:

The data and advice given apply when the product is used for the stated application or applications. The product is not sold as suitable for any other applications. Use of the product for applications other than as stated in the sheet may give rise to risks not mentioned in this sheet. The product should not be used other than for the stated application or applications without seeking advice from MATEX.

If the product has been purchased for supply to a third party for use at work, it is the purchaser's duty to take all necessary steps to ensure that any person handling or using the product is provided with the information in this sheet.

It is the responsibility and duty of the employer to inform employees and others who may be affected of hazards described in this sheet and of any precautions which should be taken.

This sheet does not constitute or substitute for the users own assessment of workplace risk, as required by other health and safety legislation.

Further copies of this Safety Data Sheet may be obtained from MATEX.