



# 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 SPW PART A  
**HS CODE** : 38245000  
**Application** : Two parts cementitious tile adhesive for swimming pools  
**Manufacturer** : MATEX CONSTRUCTION CHEMICALS  
MANUFACTURING CO. L.L.C.  
**Address** : P.O. Box 29585  
**Telephone** : +971 4 3334140  
**Fax** : +971 4 3334115  
**Email** : [info@matex.ae](mailto:info@matex.ae)  
**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 | 30-35         | 65997-15-1 |
| Sand            | 60-70         | 14808-60-7 |
| Organic Polymer | 1-2           | 9063-87-0  |
| Cellulose       | 0.5-1.0       | 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.



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|            |   |                                                                                            |
|------------|---|--------------------------------------------------------------------------------------------|
|            |   | Remove contaminated clothing immediately. Obtain medical advice if skin disorders develop. |
| 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     |                     |       |                          |

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|                                      |                    |                                                                                                                                                                                                       |       |
|--------------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| Total Inhalable Dust                 | 10mgm <sup>3</sup> | .....                                                                                                                                                                                                 | EH 40 |
| Respirable Dust                      | 5mgm <sup>3</sup>  | .....                                                                                                                                                                                                 | EH 40 |
| <b>Engineering Control Measures</b>  | :                  | 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. |       |
| <b>Personal Protective Equipment</b> | :                  | Impervious gloves (eg. PVC), goggles / safety glasses. Approved dust mask. Change contaminated clothing immediately and clean before re-use.                                                          |       |

## 9. PHYSICAL AND CHEMICAL PROPERTIES:

|                                   |   |                |
|-----------------------------------|---|----------------|
| <b>Physical State</b>             | : | Powder         |
| <b>Colour</b>                     | : | Grey & White   |
| <b>Odour</b>                      | : | Odourless      |
| <b>Boiling Point/Range (°C)</b>   | : | Not applicable |
| <b>Melting Point/Range (°C)</b>   | : | Not applicable |
| <b>Flash Point (closed) (°C)</b>  | : | None           |
| <b>Autoflammability (°C)</b>      | : | Not determined |
| <b>Explosive Properties (%)</b>   | : | Not known      |
| <b>Relative Density (at 20°C)</b> | : | 1.4            |
| <b>Water Solubility</b>           | : | Insoluble      |

## 10. STABILITY AND REACTIVITY:

|                                         |   |                                            |
|-----------------------------------------|---|--------------------------------------------|
| <b>Stability</b>                        | : | Stable                                     |
| <b>Conditions to avoid</b>              | : | Exposure to air, contamination with water. |
| <b>Materials to avoid</b>               | : | Strong acids.                              |
| <b>Hazardous Decomposition Products</b> | : | None                                       |

## 11. TOXICOLOGICAL INFORMATION:

|                        |   |                                                                                                             |
|------------------------|---|-------------------------------------------------------------------------------------------------------------|
| <b>Health Effects:</b> |   |                                                                                                             |
| <b>On Eyes</b>         | : | Irritating and may injure eye tissue if not removed promptly. Abrasive material - may cause damage to eyes. |
| <b>On skin</b>         | : | Irritation. See "chronic" effects.                                                                          |

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|                      |   |                                                                                                                                                                |
|----------------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>By Inhalation</b> | : | Irritating to respiratory system. Inflammation of the nasal mucous membrane by exposure to cement dust.                                                        |
| <b>By Ingestion</b>  | : | May cause irritation of mouth, throat and digestive tract.                                                                                                     |
| <b>Chronic</b>       | : | Cement, cementitious grouts and mortars are known to cause both irritant and allergic contact dermatitis. Prolonged skin contact can result in chemical burns. |

## 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.                             |

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|                              |   |                                                                                                                                                                                                    |
|------------------------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                              |   | 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.                                                                                                                                         |
|                              |   | Dangerous Preparations Directive, 88/379/EEC                                                                                                                                                       |
|                              |   | Safety Data Sheets Directive, 91/155/EEC.                                                                                                                                                          |
| <b>Statutory Instruments</b> | : | Chemicals (Hazards Information and Packaging) reg. 1993 (SI 1746).                                                                                                                                 |
|                              |   | 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.



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NON HAZARDOUS – CHEMICAL IDENTIFICATION CODE NOT APPLICABLE

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

**Product Name** : TILEGRIP SPW PART B  
**HS CODE** : 39059100  
**Application** : Two parts cementitious tile adhesive for swimming pools  
**Manufacturer** : MATEX CONSTRUCTION CHEMICALS  
MANUFACTURING CO. L.L.C.  
**Address** : P.O. Box 29585  
**Telephone** : +971 4 3334140  
**Fax** : +971 4 3334115  
**Email** : [info@matex.ae](mailto:info@matex.ae)  
**Website** : [www.matex-global.com](http://www.matex-global.com)

## 2. HAZARDS IDENTIFICATION:

No significant hazard.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS:

**Composition** : Special Type of Acrylic Co-Polymer, Tylose, water and Additives.

| Ingredients        | % Composition | CAS No.   |
|--------------------|---------------|-----------|
| Acrylic Co-Polymer | 40-60         | 9063-87-0 |
| Tylose             | 1             | 9004-62-0 |
| Water              | 30-40         | 7732-18-5 |
| Additives          | 0.5-1         | 3586-55-8 |

None of the ingredients of this product are classified as hazardous.

All constituents of this product are listed in EINECS (European Inventory of Existing Commercial Chemical Substances) or ELINCS (European List of New Chemical Substances) or are exempt.

Refer to Section 8 for Occupational Exposure Limits.



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## 4. FIRST AID MEASURES:

|                   |   |                                                                                                                             |
|-------------------|---|-----------------------------------------------------------------------------------------------------------------------------|
| <b>Eyes</b>       | : | Irrigate immediately with copious quantities of water for several minutes. Obtain medical attention if irritation persists. |
| <b>Skin</b>       | : | Wash thoroughly with soap and water or suitable skin cleanser as soon as possible.                                          |
| <b>Inhalation</b> | : | Remove from exposure, unlikely to occur.                                                                                    |
| <b>Ingestion</b>  | : | Wash out mouth with water. Obtain medical attention                                                                         |

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## 5. FIRE FIGHTING MEASURES:

|                                     |   |                                                                           |
|-------------------------------------|---|---------------------------------------------------------------------------|
| <b>Suitable Extinguishing Media</b> | : | Carbon dioxide, powder, foam or water for - Do not use water jets.        |
| <b>Special Exposure Hazards</b>     | : | Material can splatter above 100°C. Polymer film can burn. Irritant fumes. |
| <b>Special Protective Equipment</b> | : | Self-contained breathing apparatus.                                       |

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## 6. ACCIDENTAL RELEASE MEASURES:

|                                   |   |                                                                                                                         |
|-----------------------------------|---|-------------------------------------------------------------------------------------------------------------------------|
| <b>Personal Precautions</b>       | : | Wear suitable protective clothing, gloves and eye/face protection. Split product presents a significant slip hazard.    |
| <b>Environmental Precautions</b>  | : | Prevent entry into rains, sewers and water courses.                                                                     |
| <b>Decontamination Procedures</b> | : | Soak up with inert absorbent or contain and remove by best available means. Gather into containers. Dispose of as waste |

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## 7. HANDLING AND STORAGE:

|                 |   |                                              |
|-----------------|---|----------------------------------------------|
| <b>Handling</b> | : | Avoid skin and eye contact.                  |
| <b>Storage</b>  | : | Store in cool, dry area. Protect from frost. |

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## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION:

|                                      |   |                                                                                                                                                                                |
|--------------------------------------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Occupational Exposure Limits</b>  | : | None assigned.                                                                                                                                                                 |
| <b>Engineering Control Measures</b>  | : | No specific ventilation requirement noted.                                                                                                                                     |
| <b>Personal Protective Equipment</b> | : | Avoid skin and eye contact, impervious gloves (eg. nitrile or neoprene), goggles. When mist occurs during spraying operations, wear suitable respiratory protective equipment. |

## 9. PHYSICAL AND CHEMICAL PROPERTIES:

|                               |   |                |
|-------------------------------|---|----------------|
| Physical State                | : | Liquid         |
| Colour                        | : | White          |
| Odour                         | : | Slight / Faint |
| pH (working dilution)         | : | 9.0 – 9.8      |
| Boiling Point/Range (°C)      | : | 100            |
| Melting Point/Range (°C)      | : | 0              |
| Flash Point (closed) (°C)     | : | None           |
| Autoflammability (°C)         | : | Not applicable |
| Explosive Properties (%)      | : | Not applicable |
| Oxidizing Properties          | : | Not applicable |
| Vapour Pressure (kPa at 20°C) | : | 2.3 (water)    |
| Relative Density (at 20°C)    | : | 1.08           |
| Water Solubility              | : | Emulsifiable   |

## 10. STABILITY AND REACTIVITY:

|                                         |   |                                          |
|-----------------------------------------|---|------------------------------------------|
| <b>Stability</b>                        | : | Stable                                   |
| <b>Conditions to avoid</b>              | : | Temperature (°C) below 2.                |
| <b>Materials to avoid</b>               | : | Not known                                |
| <b>Hazardous Decomposition Products</b> | : | Thermal decomposition. Oxides of carbon. |



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## 11. TOXICOLOGICAL INFORMATION:

### Health Effects:

The following toxicological assessment is based on a knowledge of the toxicity of the product's components. Oral LD50, rat. > 5000 mg/kg.  
Dermal LD50, rat/rabbit > 5000 mg/kg.

### Health Effects:

|               |   |                                                                                         |
|---------------|---|-----------------------------------------------------------------------------------------|
| On Eyes       | : | May cause transient irritation.                                                         |
| On skin       | : | Unlikely to irritate on brief or occasional exposure.                                   |
| By Inhalation | : | Low volatility makes inhalation unlikely at ambient temperatures.                       |
| By Ingestion  | : | May cause irritation of mouth, throat and digestive tract.                              |
| Chronic       | : | Low order of acute toxicity. May cause irritation of mouth, throat and digestive tract. |

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## 12. ECOLOGICAL INFORMATION:

|                               |   |                                                                                       |
|-------------------------------|---|---------------------------------------------------------------------------------------|
| Environmental / Assessment    | : | When used and disposed of as intended, no adverse environmental effects are foreseen. |
| Mobility                      | : | Mobile liquid, emulsifiable in water.                                                 |
| Persistence and Degradability | : | Inherently biodegradable.                                                             |
| Bioaccumulative Potential     | : | Not expected to be bioaccumulative.                                                   |
| Ecotoxicity                   | : | Not expected to be ecotoxic to fish/daphnia/algae.                                    |

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## 13. DISPOSAL CONSIDERATIONS:

Disposal must be in accordance with local and national legislation.

|                             |   |                                                                                      |
|-----------------------------|---|--------------------------------------------------------------------------------------|
| Unused Product              | : | Dispose of in an approved manner. Do not empty into drains, sewers or water courses. |
| Used / Contaminated Product | : | As for unused product.                                                               |
| Packaging                   | : | May be steam cleaned and recycled.                                                   |

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## 14. TRANSPORT INFORMATION:

This product is NOT classified as dangerous for transport.

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## 15. REGULATORY INFORMATION:

### Hazard Label Data:

|                              |   |                                                                                                                                                                                                 |
|------------------------------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Safety Phrases</b>        | : | Avoid contact with skin and eyes. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.                                                                 |
| <b>EC Directives</b>         | : | Dangerous Substances Directive 67/548/EEC and adaptations. Dangerous Preparations Directive, 88/379/EEC. Safety Data Sheets Directive, 91/155/EEC.                                              |
| <b>Statutory Instruments</b> | : | Chemicals (Hazards Information and Packaging) reg. 1993 (SI 1746). Control of Substances Hazardous to Health Reg. 1988 (SI 1657). Environmental Protection (Duty of Care) Regs. 1991 (SI 2839). |
| <b>Codes of Practice</b>     | : | Waste Management The Duty of Care.                                                                                                                                                              |

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## 16. OTHER INFORMATION:

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