# SAFETY DATA SHEET
## SOIL NAILING GROUT

### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

- **Product name**: SOIL NAILING GROUT
- **Product number**: TG153

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

- **Identified uses**: Cementitious grout.

#### 1.3. Details of the supplier of the safety data sheet

- **Supplier**: PAREX Ltd
  - Holly Lane Industrial Estate
  - Atherstone
  - Warwickshire
  - CV9 2QZ
  - Tel: +44 (0)1827 711755 (Mon-Fri 08:30-16:30)
  - Fax: +44 (0)1827 711330
  - sds@parex.co.uk

#### 1.4. Emergency telephone number

- **Emergency telephone**: +44 (0)1827 711755 (Mon-Fri 08:30 - 16:30)

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

- **Classification (EC 1272/2008)**
  - **Physical hazards**: Not Classified
  - **Health hazards**: Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317 STOT SE 3 - H335
  - **Environmental hazards**: Not Classified

#### 2.2. Label elements

- **Pictogram**
- **Signal word**: Danger
- **Hazard statements**: H315 Causes skin irritation.
  - H317 May cause an allergic skin reaction.
  - H318 Causes serious eye damage.
  - H335 May cause respiratory irritation.
SOIL NAILING GROUT

Precautionary statements
P264 Wash contaminated skin thoroughly after handling.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P501 Dispose of contents/ container in accordance with national regulations.
P402+P404 Store in a dry place. Store in a closed container.
Use within six months of date of manufacture.

Contains
Portland Cement

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

<table>
<thead>
<tr>
<th>PORTLAND CEMENT</th>
<th>60-100%</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS number: 65997-15-1</td>
<td>EC number: 266-043-4</td>
</tr>
</tbody>
</table>

Classification
Skin Irrit. 2 - H315
Eye Dam. 1 - H318
Skin Sens. 1 - H317
STOT SE 3 - H335

The full text for all hazard statements is displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation
Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

Ingestion
Immediately rinse mouth and drink plenty of water. If person becomes uncomfortable or if ingested in large amounts (50-100 ml for an adult person): Take to hospital along with these instructions.

Skin contact
Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if symptoms are severe or persist after washing.

Eye contact
Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring along these instructions.

Protection of first aiders
First aid personnel should wear appropriate protective equipment during any rescue.

4.2. Most important symptoms and effects, both acute and delayed

General information
See Section 11 for additional information on health hazards.

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1. Extinguishing media
Suitable extinguishing media
The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

5.3. Advice for firefighters
Special protective equipment for firefighters
Use protective equipment appropriate for surrounding materials.

SECTION 6: Accidental release measures
SOIL NAILING GROUT

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions  Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions  Do not discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up  Avoid generation and spreading of dust. Collect spillage for reclamation or disposal in sealed containers via a licensed waste contractor.

6.4. Reference to other sections

Reference to other sections  For waste disposal, see Section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions  Avoid contact with skin, eyes and clothing.

Advice on general occupational hygiene  Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions  Store in tightly-closed, original container in a dry, cool and well-ventilated place.

7.3. Specific end use(s)

Specific end use(s)  The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

PORTLAND CEMENT

Long-term exposure limit (8-hour TWA): WEL 4 mg/m³ respirable dust
Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ inhalable dust
Long-term exposure limit (8-hour TWA): WEL 10mg/m3 (inh) 4mg/m3 (resp) (Ireland)
WEL = Workplace Exposure Limit

8.2. Exposure controls

Protective equipment

Appropriate engineering controls  As this product contains ingredients with exposure limits, process enclosures, local exhaust ventilation or other engineering controls should be used to keep worker exposure below any statutory or recommended limits, if use generates dust, fumes, gas, vapour or mist.

Eye/face protection  Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection  Wear protective gloves.

Other skin and body protection  Wear appropriate clothing to prevent skin contamination.

Hygiene measures  Wash at the end of each work shift and before eating, smoking and using the toilet.
SOIL NAILING GROUT

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Powder</td>
</tr>
<tr>
<td>Colour</td>
<td>Grey</td>
</tr>
<tr>
<td>Odour</td>
<td>Odourless</td>
</tr>
<tr>
<td>pH</td>
<td>Approximately 12 - 13 in aqueous solution.</td>
</tr>
<tr>
<td>Melting point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Initial boiling point and range</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Relative density</td>
<td>&gt;1</td>
</tr>
</tbody>
</table>

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stability

Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

10.5. Incompatible materials

10.6. Hazardous decomposition products

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity - oral

ATE oral (mg/kg) 52,631.57894737

Skin corrosion/irritation

Human skin model test Irritating.

Serious eye damage/irritation

Corrosivity to eyes is assumed.

Skin sensitisation

Sensitising.

Specific target organ toxicity - single exposure

Target organs Respiratory system, lungs

Aspiration hazard May be harmful if swallowed and enters airways.
SOIL NAILING GROUT

Inhalation Irritating to respiratory system.

Skin contact May cause an allergic skin reaction.

Eye contact Causes serious eye damage.

SECTION 12: Ecological Information

12.1. Toxicity
12.2. Persistence and degradability
12.3. Bioaccumulative potential
12.4. Mobility in soil

Mobility The product is insoluble in water.

12.5. Results of PBT and vPvB assessment
12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information Dispose of waste product or used containers in accordance with local regulations

SECTION 14: Transport information

General Not classified as hazardous for transport.

14.1. UN number
14.2. UN proper shipping name
14.3. Transport hazard class(es)
14.4. Packing group
14.5. Environmental hazards
14.6. Special precautions for user
14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture


15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

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SDS number 20734
SOIL NAILING GROUT

Hazard statements in full
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.