

PAREX

Specialist materials for civil engineering, infrastructure and construction

SAFETY DATA SHEET

100N GROUT/100N GROUT AW

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

1.1. Product identifier

Product name 100N GROUT/100N GROUT AW

Product number TG102, TG115, TG116, TG134, TG137, TG144

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 8:30-16:30)
Fax: +44 (0)1827 711330
sds@parex.co.uk

1.4. Emergency telephone number

Emergency telephone Tel: 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.

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Precautionary statements

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

Contains PORTLAND CEMENT

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

| | | | |
|--|--|--|-----------------|
| PORTLAND CEMENT | | | 60-100% |
| CAS number: 65997-15-1 | EC number: 266-043-4 | | |
| Classification | | | |
| Skin Irrit. 2 - H315 Eye Dam. 1 - H318 Skin Sens. 1 - H317 STOT SE 3 - H335 | | | |
| SILICA SAND | | | 10 - 40% |
| CAS number: 14808-60-7 | EC number: 238-878-4 | | |
| Classification | | | |
| Acute Tox. 4 - H332 | | | |
| SILICA FUME | | | 1-5% |
| CAS number: 69012-64-2 | REACH registration number: 01-2119486866-17-0000 | | |
| Classification | | | |
| Not Classified | | | |
| ALUMINIUM | | | <1% |
| CAS number: 7429-90-5 | EC number: 231-072-3 | REACH registration number: 01-2119529243-45-0000 | |
| Classification | | | |
| Pyr. Sol. 1 - H250 Water-react. 2 - H261 | | | |

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.

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| | |
|-----------------------------------|--|
| 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

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

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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)

SILICA SAND

Long-term exposure limit (8-hour TWA): 0.1 mg/m³
 Short-term exposure limit (15-minute): 0.1 mg/m³ (Ireland)

SILICA FUME

Short-term exposure limit (15-minute): 0.1 mg/m³ (Ireland)

ALUMINIUM

Long-term exposure limit (8-hour TWA): WEL 10 mg/m³ inhalable dust
 Long-term exposure limit (8-hour TWA): WEL 1mg/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.

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

| | |
|---------------------------------|--|
| Appearance | Powder. |
| Colour | Grey. |
| Odour | Odourless. |
| pH | Approximately 12 - 13 in aqueous solution. |
| Melting point | Not applicable. |
| Initial boiling point and range | Not applicable. |
| Flash point | Not applicable. |
| Evaporation rate | Not applicable. |
| Flammability (solid, gas) | Not applicable. |
| Vapour pressure | Not applicable. |
| Relative density | >1 |

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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 - inhalation

**ATE inhalation (dusts/mists
mg/l)** 6.67675599

Skin corrosion/irritation

Human skin model test Irritating.

Serious eye damage/irritation

Serious eye damage/irritation Corrosivity to eyes is assumed.

Skin sensitisation

Skin sensitisation Sensitising.

Specific target organ toxicity - single exposure

Target organs Respiratory system, lungs

Aspiration hazard

Aspiration hazard May be harmful if swallowed and enters airways.

Inhalation Irritating to respiratory system.

Skin contact May cause an allergic skin reaction.

Eye contact Causes serious eye damage.

Toxicological information on ingredients.

SILICA SAND

Acute toxicity - inhalation

ATE inhalation 1.5
(dusts/mists mg/l)

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

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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

EU legislation Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

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Hazard statements in full H250 Catches fire spontaneously if exposed to air.
H261 In contact with water releases flammable gases.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.