

SAFETY DATA SHEET

UHS Construction Grout

Date of issue: 22/09/2025
Version: 2.0

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Product name UHS Construction Grout
Unique Formula Identifier (UFI)
Pozament Ultra High Strength Construction Grout RAH2-S09N-A008-3FAN
Nanoform The product does not contain nanoparticles.

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

Identified Use(s) Base plate grouting
Uses advised against Anything other than the above.

1.3 Details of the supplier of the safety data sheet

Company Identification Tarmac Packed Products
Ground Floor
T3 Trinity Park
Bickenhill Lane
Birmingham
West Midlands
B37 7ES
United Kingdom
Telephone +44 (0)345 812 6232
E-mail (competent person) info-cement@tarmac.com

1.4 Emergency telephone number

Emergency Phone No. +44 (0)345 812 6232 (08:30 – 16:00)
Language(s) spoken: English

2. SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture Regulation (EC) No. 1272/2008 (CLP)

Skin Corr. 1; H314
Eye Dam. 1; H318
Skin Sens. 1; H317
STOT SE. 3; H335

2.2 Label elements

Product name According to Regulation (EC) No. 1272/2008 (CLP).
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Contains: Portland cement clinker

Hazard Pictogram(s)



Signal Word(s) DANGER

Hazard Statement(s) H314: Causes severe skin burns and eye damage.
H317: May cause an allergic skin reaction.
H335: May cause respiratory irritation.

Precautionary Statement(s) P260: Do not breathe dust.
P264: Wash hands thoroughly after handling.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

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P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501: Dispose of contents/container according to national/local hazardous waste disposal regulations.

Supplemental information

Not applicable

2.3 Other hazards

Not classified as PBT or vPvB. Does not cause endocrine disruption.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances - Not applicable

3.2 Mixtures

EC Classification Regulation (EC) No. 1272/2008 (CLP)

Chemical identity of the substance	%W/W	CAS No.	EC No.	REACH Registration No.	Hazard Statement(s)
Portland cement clinker	50-100	65997-15-1	266-043-4	Not yet assigned in the supply chain	Skin Irrit. 2; H315 Skin Sens. 1B; H317 Eye Dam. 1; H318 STOT SE. 3; H335

Note: For full text of H phrases see section 16.

4. SECTION 4: FIRST AID MEASURES



4.1 Description of first aid measures

Self-protection of the first aider

No action should be taken involving personal risk. Wear appropriate personal protective equipment, avoid direct contact. Ensure adequate ventilation. Do not breathe dust. Avoid all contact. Contaminated clothing should be laundered before reuse. Wash hands and body thoroughly after handling.

Inhalation

IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Blow nose to evacuate dust. Apply artificial respiration if breathing has ceased or shows signs of failing. Immediately call a POISON CENTER/doctor.

Skin contact

IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Brush off loose particles from skin, only then: rinse skin with water. Immediately call a POISON CENTER/doctor.

Eye contact

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER/doctor.

Ingestion

IF SWALLOWED: Rinse mouth. Give plenty of water to drink. Do NOT induce vomiting. Do not give anything by mouth to an unconscious person. May cause damage to the digestive tract if swallowed. Immediately call a POISON CENTER/doctor.

4.2 Most important symptoms and effects, both acute and delayed

Causes severe skin burns and eye damage. May cause an allergic skin reaction. May cause respiratory irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Notes to a physician:

Treat symptomatically.

IF IN EYES: Treatment by an ophthalmologist due to possible caustic burn of the eyes may be required.

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5. SECTION 5: FIREFIGHTING MEASURES

- 5.1 Extinguishing media**
Suitable extinguishing media
Not flammable. In case of fire use extinguishing media appropriate to surrounding conditions.
Unsuitable extinguishing media
Direct water jet may spread the fire.
- 5.2 Special hazards arising from the substance or mixture**
Not flammable. None known.
- 5.3 Advice for firefighters**
Fight fire with normal precautions from a reasonable distance. Keep upwind. Fire fighters should wear complete protective clothing including self-contained breathing apparatus. Keep containers cool by spraying with water if exposed to fire. Avoid run off to waterways and sewers.

6. SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures**
No action should be taken involving personal risk. Ensure operatives are trained to minimise exposures. Only trained and properly protected personnel must be involved in clean-up operations. Wear appropriate personal protective equipment, avoid direct contact. Ensure adequate ventilation. Do not breathe dust. Do not get in eyes, on skin, or on clothing. Remove contaminated clothing. Brush off loose particles from skin, only then: wash skin with soap and water. Wash contaminated clothing before reuse.
- 6.2 Environmental precautions**
Avoid release to the environment. Avoid run off to waterways and sewers.
- 6.3 Methods and material for containment and cleaning up**
When dry:
Provided it is safe to do so, isolate the source of the leak.
When wet:
Use approved industrial vacuum cleaner for removal or sweep up and shovel into waste drums or plastic bags. Avoid dust generation. Do not use compressed air for cleaning purposes. Transfer to a container for disposal.
Sweep up spilled substance. Collect in closed and suitable containers for disposal. Allow stiffening. Wash the spillage area with water. Avoid run off to waterways and sewers.
- 6.4 Reference to other sections**
See Section: 8,13

7. SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for safe handling**
Provide adequate ventilation when using the material and follow the principles of good occupational hygiene to control personal exposures. Obtain special instructions before use. Use personal protective equipment as required. Do not breathe dust. Do not get in eyes. Do not get on skin. Do not eat, drink or smoke when using this product. Wash hands before breaks and after work. Wash contaminated clothing before reuse.
- 7.2 Conditions for safe storage, including any incompatibilities**
Keep only in the original container. Store in a cool/low-temperature, well-ventilated (dry) place away from heat and ignition sources.
Storage temperature
Keep cool. Protect from sunlight.
Incompatible materials
Aluminium
- 7.3 Specific end use(s)**
See Section: 1.2

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1 Control parameters**
8.1.1 Occupational exposure limits

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m ³)	STEL (ppm)	STEL (mg/m ³)
Aluminium (Al)	7429-90-5	-	10 (inhalable dust); 4 (respirable dust)	-	-

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Cement, portland, chemicals	65997-15-1	-	10 (inhalable dust); 4 (respirable dust)	-	-
Silica, amorphous, crystalline-free	112945-52-5	-	6 (inhalable dust); 2.4 (respirable dust)	-	-

Source: OELV: Health and Safety Authority, Code of Practice, 2020

8.1.2 Biological Limit Value	Not established
8.1.3 PNECs and DNELs	Not established
8.2 Exposure controls	
8.2.1 Appropriate engineering controls	Ensure adequate ventilation. Store in a cool/low-temperature, well-ventilated (dry) place away from heat and ignition sources. Guarantee that the eye flushing systems and safety showers are located close to the working place.
8.2.2 Individual protection measures, such as personal protective equipment	Ensure adequate ventilation. Store in a cool/low-temperature, well-ventilated (dry) place away from heat and ignition sources. Guarantee that the eye flushing systems and safety showers are located close to the working place.

Protective clothing should be selected specifically for the working place, depending on concentration and quantity of the hazardous substances handled. The resistance of the protective clothing to chemicals should be ascertained with the respective supplier.

Eye / face protection



Use eye protection according to EN 166, designed to protect against dusts.

Skin protection



Wear suitable protective clothing.

Respiratory protection



Wear a dust mask when needed.

Thermal hazards

Not applicable.

8.2.3 Environmental exposure controls

Not applicable.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Dry powder
Colour	Grey
Odour	Slightly earthy
Melting point/freezing point	1250 (typical)
Boiling point or initial boiling point and boiling range	Not Determined
Flammability	Not flammable
Lower and upper explosion limit	Not explosive
Flash point	Not applicable
Auto-ignition temperature	Not Applicable
Decomposition temperature	Not Applicable
pH	11-13.5 (20°C in water, water solid ratio 1:2)
Kinematic viscosity	Not Applicable
Solubility	The product is sparingly soluble in water.

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Partition coefficient: n-octanol/water (log value)	Not Applicable
Vapour pressure	Not Applicable
Density and/or relative density	3.0 (typical)
Relative vapour density	0 at 20°C
Particle characteristics	Not established

9.2 Other information None known.

10. SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity	When mixed with water, cements will harden into a stable mass that is not reactive in normal environments.
10.2 Chemical stability	Stable under normal conditions
10.3 Possibility of hazardous reactions	When wet: Reacts with - Aluminium Powder. Release of: Hydrogen
10.4 Conditions to avoid	Heat and direct sunlight. Humidity
10.5 Incompatible materials	Acids; Aluminium; Aluminium Powder; non-noble metals
10.6 Hazardous decomposition products	None known.

11. SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008	
Acute toxicity - Ingestion	Mixture: Based upon the available data, the classification criteria are not met. Acute Toxicity Estimate Mixture Calculation: LD50 >2000 mg/kg bw
Acute toxicity - Inhalation	Mixture: Based upon the available data, the classification criteria are not met. Acute Toxicity Estimate Mixture Calculation: LC50 >5 mg/l (Dust/Mist)
Acute toxicity - Skin contact	Mixture: Based upon the available data, the classification criteria are not met. Acute Toxicity Estimate Mixture Calculation: LD50 >2000 mg/kg bw
Skin corrosion/irritation	Mixture: Skin Corr. 1; H314: Causes severe skin burns and eye damage. Extreme pH. See section 9.
Portland cement clinker	Skin Irrit. 2; H315: Causes skin irritation.
Serious eye damage/irritation	EU classification and labelling inventory. (220 Notifiers)
Portland cement clinker	Mixture: Eye Dam. 1; H318: Causes serious eye damage. Eye Dam. 1; H318: Causes serious eye damage.
Respiratory or skin sensitisation	EU classification and labelling inventory. (220 Notifiers)
Portland cement clinker	Mixture: Skin Sens. 1; H317: May cause an allergic skin reaction. Skin Sens. 1B; H317: May cause an allergic skin reaction.
Germ cell mutagenicity	EU classification and labelling inventory. (220 Notifiers)
Carcinogenicity	Mixture: Based upon the available data, the classification criteria are not met.
Reproductive toxicity	Mixture: Based upon the available data, the classification criteria are not met.
STOT - single exposure	Mixture: Based upon the available data, the classification criteria are not met.
Portland cement clinker	Mixture: STOT SE 3; H335: May cause respiratory irritation. STOT SE 3; H335: May cause respiratory irritation.
STOT - repeated exposure	EU classification and labelling inventory. (220 Notifiers)
Aspiration hazard	Mixture: Based upon the available data, the classification criteria are not met.
11.2 Information on other hazards	
11.2.1 Endocrine disrupting properties	Mixture: Based upon the available data, the classification criteria are not met.
11.2.2 Other information	This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria. None

12. SECTION 12: ECOLOGICAL INFORMATION

12.1 Toxicity	Mixture: Based upon the available data, the classification criteria are not met. Estimated LC50 (Mixture): >100 mg/l.
12.2 Persistence and degradability	No data for the mixture as a whole.
Portland cement clinker	Not applicable for inorganic substances.
12.3 Bioaccumulative potential	No data for the mixture as a whole.

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12.4	Mobility in soil	Portland cement clinker	No data available
			No data for the mixture as a whole.
12.5	Results of PBT and vPvB assessment	Portland cement clinker	No data available
			This mixture does not contain any substance considered to be PBT or vPvB.
12.6	Endocrine disrupting properties		This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.
12.7	Other adverse effects		None known.

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1	Waste treatment methods	Dispose of this material and its container as hazardous waste. Do not empty into drains, dispose of this material and its container at hazardous or special waste collection point. Disposal should be in accordance with local, state or national legislation.
	Waste classification according to Directive 2008/98/EC (Waste Framework Directive)	HP 4: Irritant — skin irritation and eye damage HP 5: Specific Target Organ Toxicity (STOT)/Aspiration Toxicity HP 8: Corrosive HP 13: Sensitising

14. SECTION 14: TRANSPORT INFORMATION

	ADR/RID	IMDG	IATA/ICAO
14.1	UN number or ID number	UN 1759	UN 1759
14.2	UN proper shipping name	CORROSIVE N.O.S	SOLID, CORROSIVE N.O.S
14.3	Transport hazard class(es)	8	8
14.4	Packing group	III	III
14.5	Environmental hazards	Not classified	Not classified as a Marine Pollutant.
14.6	Special precautions for user	See Section: 2	
14.7	Maritime transport in bulk according to IMO instruments	Not applicable	Not applicable
14.8	Additional information	None	

15. SECTION 15: REGULATORY INFORMATION

15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture	
15.1.1	EU regulations	
	Authorisations and/or restrictions on use	Not restricted for the intended use(s) of the product.
15.1.2	National regulations	
	Germany	Water hazard class (WGK): slightly hazardous to water (WGK 1) (Self classification)
15.2	Chemical Safety Assessment	A REACH chemical safety assessment has not been carried out.

16. SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: Updated version and date. Updated substance / mixture classification. Please review SDS with care.

Sections indicated with the following have been revised:

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References: Existing Safety Data Sheet (SDS); EU classification and labelling inventory for Portland cement clinker (CAS No.: 65997-15-1)

EU Classification: This Safety Data Sheet was prepared in accordance with EC Regulation (EC) 1907/2006 (REACH), 1272/2008 (CLP) & 2020/878

Classification of the substance or mixture According to Regulation (EC) No. 1272/2008 (CLP)	Classification procedure
Skin Corr. 1; H314	Extreme pH
Skin Sens. 1; H317	Threshold Calculation
Eye Dam. 1; H318	Threshold Calculation
STOT SE 3; H335	Threshold Calculation

Legend

ADR	ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN	ADN: European Agreement on the International Transport of Dangerous Goods by Inland Waterways
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
DNEL	Derived no effect level
IATA	IATA: International Air Transport Association
ICAO	ICAO: International Civil Aviation Organization
IMDG	IMDG: International Maritime Dangerous Goods
LTEL	Long term exposure limit
PBT	PBT: Persistent, Bioaccumulative and Toxic
PNEC	Predicted No Effect Concentration
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	RID: Regulations concerning the international railway transport of dangerous goods
STEL	Short term exposure limit
vPvB	vPvB: very Persistent and very Bioaccumulative

Hazard classification / Classification code:

Skin Corr. 1; Skin corrosion/irritation, Category 1
Skin Irrit. 2; Skin corrosion/irritation, Category 2
Skin Sens. 1B; Skin Sensitisation, Category 1
Skin Sens. 1; Skin Sensitisation, Category 1
Eye Dam. 1; Eye damage, category 1
STOT SE 3; Specific target organ toxicity — single exposure, Category 3

Hazard Statement(s)

H314: Causes severe skin burns and eye damage.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H335: May cause respiratory irritation.

Training advice: Consideration should be given to the work procedures involved and the potential extent of exposure as they may determine whether a higher level of protection is required.

Disclaimers

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Annex to the extended Safety Data Sheet (eSDS)

Exposure scenarios for substances in this preparation are not available.