

SAFETY DATA SHEET

Ultibet Kerb Repair – Powder component

Date of issue: 10/04/2025
Version: 1.0

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

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

- 1.1 Product identifier**
Product name Ultibet Kerb Repair – Powder component
Unique Formula Identifier (UFI) Not available
Nanoform The product does not contain nanoparticles.
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
Identified Use(s) Polymer modified kerb repair mortar
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

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
- 2.2 Label elements**
According to Regulation (EC) No. 1272/2008 (CLP).
Product name Ultibet Kerb Repair – Powder component
Contains: Portland cement clinker; 1,2-Benzisothiazol-3(2H)-one
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.
Precautionary Statement(s) P260: Do not breathe dust.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.
P332+P313: If skin irritation occurs: Get medical advice/attention.

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P501: Dispose of contents/container according to national/local hazardous waste disposal regulations.

Supplemental information

Not applicable

2.3 Other hazards

None known

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	10-15	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
Cement, alumina, chemicals	5-10	65997-16-2	266-045-5	Not yet assigned in the supply chain	Eye Irrit. 2; H319
1,2-Benzisothiazol-3(2H)-one	< 0.05	2634-33-5	220-120-9	Not yet assigned in the supply chain	Acute Tox. 4; H302 Acute Tox. 2; H330 Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin. Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410

Specific concentration limit (SCL), Acute toxicity estimate (ATE) & M-factor

Chemical identity of the substance	CAS No.	EC No.	SCL	ATE	M-factor
1,2-Benzisothiazol-3(2H)-one	2634-33-5	220-120-9	Skin Sens. 1A; H317 C ≥ 0.036%	Inhalation = 0.21 mg/L (dusts or mists) oral = 450 mg/kg	10 (acute) 1 (chronic)

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

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. Ensure adequate ventilation. Do not breathe dust. Avoid all contact. Contaminated clothing should be laundered before reuse.

Inhalation

IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Blow nose to evacuate dust. If symptoms develop, obtain medical attention.

Skin contact

IF ON SKIN (or hair): Brush off loose particles from skin. Take off immediately all contaminated clothing. Wash affected area with plenty of soap and water. If symptoms develop, obtain medical attention.

Eye contact

IF IN EYES: Do not rub affected area. Hold eyelids apart and flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get immediate medical attention.

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	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. Seek medical treatment.
4.2	Most important symptoms and effects, both acute and delayed	Causes severe skin burns and eye damage. May cause an allergic skin reaction.
4.3	Indication of any immediate medical attention and special treatment needed	Treat symptomatically.
Notes to a physician:		IF IN EYES: Treatment by an ophthalmologist due to possible caustic burn of the eyes may be required.

SECTION 5: FIREFIGHTING MEASURES

5.1	Extinguishing media	Extinguish with carbon dioxide, dry chemical, foam or waterspray.
	Suitable extinguishing media	Do not use water jet. Direct water jet may spread the fire.
	Unsuitable extinguishing media	
5.2	Special hazards arising from the substance or mixture	May give off noxious and toxic fumes in a fire. Combustion products: Carbon monoxide, Carbon dioxide.
5.3	Advice for firefighters	Fight fire with normal precautions from a reasonable distance. 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.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1	Personal precautions, protective equipment and emergency procedures	No action should be taken involving personal risk. Only trained and properly protected personnel must be involved in clean-up operations. Wear appropriate personal protective equipment. Ensure adequate ventilation. Do not breathe dust. Avoid all contact. Wash contaminated clothing before reuse.
6.2	Environmental precautions	Avoid release to the environment.
6.3	Methods and material for containment and cleaning up	Small spills should be vacuumed when possible (vacuum cleaner must be explosion proof). A vacuum equipped with HEPA (high efficiency particulate air) filtration is recommended. Dry sweeping is not recommended. If necessary, light water spray will reduce dust for dry sweeping, but over-wetting may produce very slippery walking surfaces. Transfer to a container for disposal. Wash the spillage area with water. Recover or recycle if possible.
6.4	Reference to other sections	See Section: 8,13

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. Do not breathe dust. Use personal protective equipment as required. Avoid all contact. 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. Keep container in an upright position. Keep container tightly closed. Store in a cool/low-temperature, well-ventilated (dry) place away from heat and ignition sources. Do not store near acids.
	Storage temperature	Keep cool. Protect from sunlight.
	Incompatible materials	Acid anhydrides, acids, phenols and cresols
7.3	Specific end use(s)	See Section: 1.2

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/m³)	STEL (ppm)	STEL (mg/m³)	Note
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Calcium dihydroxide	1305-62-0	-	5; 1 (Respirable fraction)	-	4 (Respirable fraction)	IOELV
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Source: WEL: Workplace exposure limit (IOELV: Indicative Occupational Exposure Limit Values)

SUBSTANCE	CAS No.	LTEL (8 hr TWA ppm)	LTEL (8 hr TWA mg/m³)	STEL (ppm)	STEL (mg/m³)	Note
Calcium sulfate	7778-18-9	-	10	-	-	-
Calcium carbonate	471-34-1	-	10 (Inhalable Dust) 4 (Respirable Dust)	- -	- -	-
Cement, portland, chemicals	65997-15-1	-	10 (Inhalable Dust); 4 (Respirable Dust)	-	-	-
Quartz (SiO ₂) (crystalline silica)	14808-60-7	-	0.1 (Respirable Dust)	-	-	BOELV

OELV: Health and Safety Authority, Code of Practice, 2020 and Workplace Exposure Limit (UK HSE EH40)

Notes:

BOELV: Binding Occupational Exposure Limit Values (EU) Directive 98/24/EC

- 8.1.2 Biological Limit Value** Not established
- 8.1.3 PNECs and DNELs** Not applicable
- 8.2 Exposure controls**
- 8.2.1 Appropriate engineering controls** Provide adequate ventilation, including appropriate local extraction if dusts, fumes or vapours are likely to be evolved. 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** Keep good industrial hygiene. Wear appropriate personal protective equipment, avoid direct contact. Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke at the work 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. Eyewash bottles should be available.

Skin protection



Wear suitable chemical resistant protective gloves for frequent or prolonged operations tested to EN374 with an acceptable permeation test. Contaminated gloves should be carefully rinsed with water before reuse.

Wear impervious protective clothing, including boots, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Respiratory protection



Wear suitable respiratory protective equipment if processing involves working in areas where dusts or vapours are likely to be evolved.

Recommended:
Filter type: EN143 Type A-P2/P3

Thermal hazards

Not applicable

8.2.3 Environmental exposure controls

Avoid release to the environment.

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1	Information on basic physical and chemical properties	
	Physical state	Cement, Sand, Powder
	Colour	Various
	Odour	Slight
	Melting point/freezing point	Not determined
	Boiling point or initial boiling point and boiling range	Not applicable - Solid
	Flammability	Not flammable
	Lower and upper explosion limit	Not applicable
	Flash point	Not applicable - Solid
	Auto-ignition temperature	Not applicable
	Decomposition temperature	Not determined
	pH	≥ 11.5
	Kinematic viscosity	Not applicable - Solid
	Solubility	Not determined
	Partition coefficient: n-octanol/water (log value)	Not determined
	Vapour pressure	Not applicable
	Density and/or relative density	Not determined
	Relative vapour density	Not applicable
	Particle characteristics	Not determined
9.2	Other information	None known

SECTION 10: STABILITY AND REACTIVITY

10.1	Reactivity	Stable under normal conditions
10.2	Chemical stability	Stable under normal conditions
10.3	Possibility of hazardous reactions	None anticipated. May give off noxious and toxic fumes in a fire. Combustion products: Carbon monoxide, Carbon dioxide.
10.4	Conditions to avoid	Cement in concrete dissolves in hydrofluoric acid to produce corrosive silicon tetrafluoride gas. Keep away from heat and direct sunlight. Avoid contact with moisture.
10.5	Incompatible materials	Acid anhydrides, acids, phenols and cresols.
10.6	Hazardous decomposition products	None known

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 ≥ 11.5. See section 9
	Serious eye damage/irritation	Portland cement clinker Skin Irrit. 2; H315: Causes skin irritation. Source: EU classification and labelling inventory. Mixture: Eye Dam. 1; H318: Causes serious eye damage. Extreme pH ≥ 11.5. See section 9
		Portland cement clinker Eye Dam. 1; H318: Causes serious eye damage. Source: EU classification and labelling inventory.
		Cement, alumina, chemicals Eye Irrit. 2; H319: Causes serious eye irritation. Data: Mean eye Irritation score: 11.06
		Source: ECHA registration dossier (Unnamed, 2010)
		1,2-Benzisothiazol-3(2H)-one Eye Dam. 1; H318: Causes serious eye damage. Harmonised Classification
	Respiratory or skin sensitisation	Mixture: Skin Sens. 1; H317: May cause an allergic skin reaction.

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	Portland cement clinker	Skin Sens. 1B; H317: May cause an allergic skin reaction. Source: EU classification and labelling inventory.
	1,2-Benzisothiazol-3(2H)-one	Skin Sens. 1A; H317: May cause an allergic skin reaction. Harmonised Classification Mixture: Based upon the available data, the classification criteria are not met. Mixture: Based upon the available data, the classification criteria are not met. Mixture: Based upon the available data, the classification criteria are not met. Mixture: Based upon the available data, the classification criteria are not met. Mixture: Based upon the available data, the classification criteria are not met. Mixture: Based upon the available data, the classification criteria are not met. Product form: Solid
	Germ cell mutagenicity	
	Carcinogenicity	
	Reproductive toxicity	
	STOT - single exposure	
	STOT - repeated exposure	
	Aspiration hazard	
11.2	Information on other hazards	
11.2.1	Endocrine disrupting properties	This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.
11.2.2	Other information	None

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 Testing can be waived because the substance is an inorganic compound. Cement, alumina, chemicals Testing can be waived because the substance is an inorganic compound. 1,2-Benzisothiazol-3(2H)-one Evidence for inherent biodegradability. Result: % Biodegradation (sewage system, 3 wk): ca. 80.0; Half-life time in soil: 7.2 h Source: ECHA registration dossier (Unnamed, 2009)
12.3	Bioaccumulative potential	No data for the mixture as a whole. Portland cement clinker Testing can be waived because the substance is an inorganic compound. Cement, alumina, chemicals Testing can be waived because the substance is an inorganic compound. 1,2-Benzisothiazol-3(2H)-one The substance has low potential for bioaccumulation. Result: BCF (estimated) L/kg ww : 6.62 Source: ECHA registration dossier (Unnamed, 1973)
12.4	Mobility in soil	No data for the mixture as a whole. Portland cement clinker Testing can be waived because the substance is an inorganic compound. Cement, alumina, chemicals Testing can be waived because the substance is an inorganic compound. 1,2-Benzisothiazol-3(2H)-one The substance has high mobility in soil. Result: Log Koc: 0.97 Source: ECHA registration dossier (Unnamed, 2003)
12.5	Results of PBT and vPvB assessment	Not classified as 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

SECTION 13: DISPOSAL CONSIDERATIONS

13.1	Waste treatment methods	Dispose of this material and its container as hazardous waste. Disposal should be in accordance with local, state or national legislation.
	Waste classification according to Directive 2008/98/EC (Waste Framework Directive)	HP 8: Corrosive HP 13: Sensitising.

SECTION 14: TRANSPORT INFORMATION

14.1	UN number or ID number	ADR/RID	IMDG	IATA/ICAO
		1759	1759	1759
14.2	UN proper shipping name	CORROSIVE SOLID	CORROSIVE SOLID	CORROSIVE SOLID
		N.O.S	N.O.S	N.O.S

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14.3	Transport hazard class(es)	8	8	8
14.4	Packing group	III	III	III
14.5	Environmental hazards	Not classified	Not classified as a Marine Pollutant.	Not classified
14.6	Special precautions for user	See section 2		
14.7	Maritime transport in bulk according to IMO instruments	Not applicable	Not applicable	Not applicable
14.8	Additional information	None		
	Special Provisions	274		
	Transport category	3		
	Tunnel restriction code	(E)		
	Limited Quantity	5 kg		

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 1 (Self classification)
15.2	Chemical Safety Assessment	A REACH chemical safety assessment has not been carried out.

SECTION 16: OTHER INFORMATION

The following sections contain revisions or new statements: Not applicable – V1.0

References: Existing Safety Data Sheet (SDS); Harmonised Classification for: 1,2-Benzisothiazol-3(2H)-one (CAS No. 2634-33-5); ECHA registration dossier(s) for Cement, alumina, chemicals (CAS No. 65997-16-2) and 1,2-Benzisothiazol-3(2H)-one (CAS No. 2634-33-5); 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
Eye Dam. 1; H318	Extreme pH
Skin Sens. 1; H317	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:

Acute Tox. 4; Acute toxicity, Category 4
Skin Corr. 1 ; Skin corrosion/irritation, Category 1

Hazard Statement(s)

H302: Harmful if swallowed.
H314: Causes severe skin burns and eye damage.

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Skin Irrit. 2; Skin corrosion/irritation, Category 2	H315: Causes skin irritation.
Skin Sens. 1A; Skin Sensitisation, Category 1A	H317: May cause an allergic skin reaction.
Skin Sens. 1B; Skin Sensitisation, Category 1B	H317: May cause an allergic skin reaction.
Skin Sens. 1; Skin Sensitisation, Category 1	H317: May cause an allergic skin reaction.
Eye Dam. 1; Eye damage, category 1	H318: Causes serious eye damage.
Eye Irrit. 2; Eye irritation, Category 2	H319: Causes serious eye irritation.
Acute Tox. 2; Acute Toxicity, Category 2	H330: Fatal if inhaled.
STOT SE 3; Specific target organ toxicity — single exposure, Category 3	H335: May cause respiratory irritation.
Aquatic Acute 1; Hazardous to the aquatic environment, acute, Category 1	H400: Very toxic to aquatic life.
Aquatic Chronic 1; Hazardous to the aquatic environment, Chronic , Category 1	H410: Very toxic to aquatic life with long lasting effects.
Aquatic Chronic 3; Hazardous to the aquatic environment, Chronic , Category 3	H412: Harmful to aquatic life with long lasting effects.

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

Information contained in this publication or as otherwise supplied to Users is believed to be accurate and is given in good faith, but it is for the Users to satisfy themselves of the suitability of the product for their own particular purpose. Tarmac Packed Products gives no warranty as to the fitness of the product for any particular purpose and any implied warranty or condition (statutory or otherwise) is excluded except to the extent that exclusion is prevented by law. Tarmac Packed Products accepts no liability for loss or damage (other than that arising from death or personal injury caused by defective product, if proved), resulting from reliance on this information. Freedom under Patents, Copyright and Designs cannot be assumed.

Annex to the extended Safety Data Sheet (eSDS)

Exposure scenarios for substances in this preparation are not available.