

SAFETY DATA SHEET



Ultibet Kerb Repair – Powder component

ACCORDING TO EC-REGULATIONS 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830
AS AMENDED BY UK REACH REGULATIONS SI 2019/758

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

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**
- 2.1.1 The retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain**
- 2.2 Label elements**
According to the retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain
- 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.

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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.
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

Classification: The retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain

Chemical identity of the substance	%W/W	CAS No.	EC No.	UK-REACH Registration No.	Hazard classification
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)

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

Inhalation

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.

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.

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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.
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	May give off noxious and toxic fumes in a fire. Combustion products: Carbon monoxide, Carbon dioxide.
5.2 Special hazards arising from the substance or mixture	
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

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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
Calcium dihydroxide	1305-62-0	- -	5 1(Respirable fraction)	- -	4(Respirable fraction)	-
Cement, portland, chemicals	65997-15-1	- -	10(Inhalable Dust) 4(Respirable Dust)	- -	- -	-
Quartz (SiO ₂) (crystalline silica)	14808-60-7	-	0.1 (Respirable fraction)	-	-	Carc. (where generated as a result of a work process)

Source: WEL: Workplace Exposure Limit (UK HSE EH40)

Notes:

Carc.: Capable of causing cancer and/or heritable genetic damage

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

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8.2.3 Environmental exposure controls

Avoid release to the environment.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	Cement, Sand, Powder
Odour	Slight
Odour threshold	Not available
pH	≥ 11.5
Melting point/freezing point	Not determined
Initial boiling point and boiling range	Not applicable - Solid
Flash point	Not applicable - Solid
Evaporation rate	Not applicable - Solid
Flammability (solid, gas)	Not flammable
Upper/lower flammability or explosive limits	Not applicable
Vapour pressure	Not applicable
Vapour density	Not applicable
Relative density	Not determined
Solubility(ies)	Not determined
Partition coefficient: n-octanol/water	Not determined
Auto-ignition temperature	Not applicable
Decomposition temperature	Not determined
Viscosity	Not applicable - Solid
Explosive properties	Not explosive
Oxidising properties	Not oxidising

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 toxicological effects

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
Portland cement clinker	Skin Irrit. 2; H315: Causes skin irritation. Source: EU classification and labelling inventory.
Serious eye damage/irritation	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.

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	Cement, alumina, chemicals	Eye Irrit. 2; H319: Causes serious eye irritation. Data: Mean eye Irritation score: 11.06 Source: ECHA registration dossier (Unnamed, 2010)
Respiratory or skin sensitisation	1,2-Benzisothiazol-3(2H)-one	Eye Dam. 1; H318: Causes serious eye damage. Harmonised Classification Mixture: Skin Sens. 1; H317: May cause an allergic skin reaction.
	Portland cement clinker	Skin Sens. 1; 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
Germ cell mutagenicity		Mixture: Based upon the available data, the classification criteria are not met.
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.
STOT - repeated exposure		Mixture: Based upon the available data, the classification criteria are not met.
Aspiration hazard		Mixture: Based upon the available data, the classification criteria are not met.
11.2 Other information		Product form: Solid 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 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

	ADR/RID	IMDG	IATA/ICAO
14.1 UN number	1759	1759	1759
14.2 UN proper shipping name	CORROSIVE SOLID N.O.S	CORROSIVE SOLID N.O.S	CORROSIVE SOLID N.O.S
14.3 Transport hazard class(es)	8	8	8
14.4 Packing group	III	III	III

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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	Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable	Not applicable	Not applicable

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	
	Authorisations and/or restrictions on use	Not restricted for the intended use(s) of the product.
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); GB Mandatory classification and labelling listfor: 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)

Classification: This Safety Data Sheet was prepared in accordance with EC Regulation (EC) 1907/2006 (REACH), 1272/2008 (CLP) & 2015/830. Compiled in accordance with REACH Regulation (EC) No 1907/2006, as amended by UK REACH Regulations SI 2019/758

Classification of the substance or mixture. The retained CLP Regulation (EU) No 1272/2008, as amended for Great Britain	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
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
Skin Irrit. 2; Skin corrosion/irritation, Category 2
Skin Sens. 1A; Skin Sensitisation, Category 1A
Skin Sens. 1B; Skin Sensitisation, Category 1B
Skin Sens. 1; Skin Sensitisation, Category 1
Eye Dam. 1; Eye damage, category 1

Hazard Statement(s)

H302: Harmful if swallowed.
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.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.

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Eye Irrit. 2; Eye irritation, Category 2
Acute Tox. 2; Acute Toxicity, Category 2
STOT SE 3; Specific target organ toxicity — single exposure, Category 3
Aquatic Acute 1; Hazardous to the aquatic environment, acute, Category 1
Aquatic Chronic 1; Hazardous to the aquatic environment, Chronic , Category 1
Aquatic Chronic 3; Hazardous to the aquatic environment, Chronic , Category 3

H319: Causes serious eye irritation.
H330: Fatal if inhaled.
H335: May cause respiratory irritation.
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.
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

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Annex to the extended Safety Data Sheet (eSDS)

Exposure scenarios for substances in this preparation are not available.