

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Fugenmörtel

Date: 21.06.2017

Product code: 210617

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

Fugenmörtel weiß, Fugenmörtel grau, Fugenmörtel caramel

Further trade names / Item numbers

6 2450 01, 6 2450 02, 6 2450 05, 6 2450 11, 6 2450 12

1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**

Cement for hobby

1.3. Details of the supplier of the safety data sheet

Company name:	GLOREX GmbH	GLOREX AG
Street:	Großmattstraße 17	Uferstrasse 12
Place:	D-79618 Rheinfelden	CH-4414 Füllinsdorf
Telephone:	+49 7623 72330	+41 61906 8070
e-mail:	info@glorex.com	
Internet:	www.glorex.com	

1.4. Emergency telephone number:145 (Tox Info Suisse)
+49 7623 72330 (Mo - Fr: 8 - 16 h)**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No. 1272/2008***Hazard categories:*

Skin corrosion/irritation: Skin Irrit. 2

Serious eye damage/eye irritation: Eye Dam. 1

Specific target organ toxicity - single exposure: STOT SE 3

Hazard Statements:

Causes skin irritation.

Causes serious eye damage.

May cause respiratory irritation.

2.2. Label elements**Regulation (EC) No. 1272/2008****Hazard components for labelling**

portland cement

Signal word: Danger**Pictograms:****Hazard statements**

H315: Causes skin irritation.

H318: Causes serious eye damage.

H335: May cause respiratory irritation.

Precautionary statements

P101: If medical advice is needed, have product container or label at hand.

P102: Keep out of reach of children.

P271: Use only outdoors or in a well-ventilated area.

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

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land easy to do. Continue rinsing.

P501: Dispose of contents/container in accordance with applicable law.

Additional advice on labelling

Product containing cement, low in chromate according to Directive 1907/2006/EC, Annex XVII (47)

2.3. Other hazards

The product develops an alkaline pH value with moisture and can cause irritation. Wear protective gloves.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****Chemical characterization**

Cement, aggregates, pigments

Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
65997-15-1	portland cement			> 50 - < 70 %
	266-043-4			
	Skin Irrit. 2, Eye Dam. 1, STOT SE 3; H315 H318 H335			
544-17-2	calcium diformate			< 2.5 %
	208-863-7		01-2119486476-24	
	Eye Dam. 1; H318			

Full text of H and EUH statements: see section 16.

Further Information

Product cures together with water

SECTION 4: First aid measures**4.1. Description of first aid measures****General information**

In all cases of doubt, or when symptoms persist, seek medical advice.

After inhalation

Provide fresh air. If experiencing respiratory symptoms: Call a doctor.

After contact with skin

Wash with plenty of soap and water. In case of skin irritation, consult a physician.

After contact with eyes

Do not rub eyes. In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

After ingestion

Rinse mouth immediately and drink plenty of water. Call a doctor if you feel unwell.

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

May damage the eye-cornea. May cause irritation to respiratory tract, skin, mucosa

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

Treat symptomatically.

SECTION 5: Firefighting measures**5.1. Extinguishing media**

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Suitable extinguishing media

Extinguishing powder, Carbon dioxide (CO₂), Foam, Water spray jet

Unsuitable extinguishing media

High power water jet

5.2. Special hazards arising from the substance or mixture

Non-flammable. The product reacts highly alkaline with water.

5.3. Advice for firefighters

Co-ordinate fire-fighting measures to the fire surroundings.

Additional information

Suppress dust with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Avoid dust formation. Do not breathe dust. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Take up mechanically. Product cures together with water. Treat the recovered material as prescribed in the section on waste disposal. Avoid dust formation. Provide adequate ventilation.

6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

If handled uncovered, arrangements with local exhaust ventilation have to be used. Avoid dust formation. Do not breathe dust.

Advice on protection against fire and explosion

No special fire protection measures are necessary.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed. Store in a cool dry place.

Advice on storage compatibility

No special measures are necessary.

Further information on storage conditions

Storage temperature: 5-25°C

7.3. Specific end use(s)

Cement

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

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Exposure limits (EH40)

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
65997-15-1	Portland cement, respirable dust	-	4		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

DNEL/DMEL values

CAS No	Substance	Exposure route	Effect	Value
544-17-2	calcium diformate			
Worker DNEL, acute		dermal	local	16.7 mg/cm ²
Worker DNEL, acute		dermal	systemic	4780 mg/kg bw/day
Worker DNEL, long-term		dermal	local	16.7 mg/cm ²
Worker DNEL, long-term		dermal	systemic	4780 mg/kg bw/day
Worker DNEL, acute		inhalation	systemic	337 mg/m ³
Worker DNEL, long-term		inhalation	systemic	337 mg/m ³
Consumer DNEL, long-term		oral	systemic	23.9 mg/kg bw/day
Consumer DNEL, acute		dermal	local	8.3 mg/cm ²
Consumer DNEL, long-term		dermal	systemic	2390 mg/kg bw/day
Consumer DNEL, long-term		dermal	local	8.3 mg/cm ²
Consumer DNEL, long-term		inhalation	systemic	83.2 mg/m ³
Consumer DNEL, acute		inhalation	systemic	83.2 mg/m ³

PNEC values

CAS No	Substance	Value
Environmental compartment		
544-17-2	calcium diformate	
Freshwater		2 mg/l
Freshwater (intermittent releases)		10 mg/l
Marine water		0.2 mg/l
Freshwater sediment		13.4 mg/kg
Marine sediment		1.34 mg/kg
Micro-organisms in sewage treatment plants (STP)		2.21 mg/kg
Soil		1.5 mg/kg

8.2. Exposure controls

Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe dust. Avoid contact with eyes and skin.

Protective and hygiene measures

Remove contaminated clothing. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat or drink. Provide adequate ventilation.

Eye/face protection

Tightly sealed safety glasses according to EN166 in the case of dust formation

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Hand protection

Use chemical resistant safety gloves (EN 374). Recommended material: NBR (Nitrile rubber).

Skin protection

Wear suitable protective clothing.

Respiratory protection

In case of inadequate ventilation wear respiratory protection: Particle filter device (DIN EN 143), filter P2 recommended

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:	powder
Colour:	grey, white, beige
Odour:	odourless

Test method

pH-Value (at 20 °C):	11-13.5 (saturated solution)
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Changes in the physical state

Melting point:	≥ 1200 °C
Initial boiling point and boiling range:	not determined
Flash point:	not applicable

Flammability

Solid:	not determined
Gas:	not applicable
Lower explosion limits:	not determined
Upper explosion limits:	not determined

Auto-ignition temperature

Solid:	not determined
Gas:	not applicable
Decomposition temperature:	not determined

Oxidizing properties

Not oxidising.

Vapour pressure:	not determined
Density (at 20 °C):	2.9-3.2 g/cm ³
Bulk density (at 20 °C):	~ 1100 kg/m ³
Water solubility: (at 20 °C)	reacts with water

Solubility in other solvents

not determined

Partition coefficient:	not determined
Vapour density:	not determined
Evaporation rate:	not determined

9.2. Other information

Solid content:	100%
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SECTION 10: Stability and reactivity

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10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3. Possibility of hazardous reactions

No known hazardous reactions.

10.4. Conditions to avoid

No information available.

10.5. Incompatible materials

Humidity, Water

10.6. Hazardous decomposition products

No known hazardous decomposition products.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity**

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
544-17-2	calcium diformate				
	oral	LD50 mg/kg	2650	Rat	GESTIS
	dermal	LD50 mg/kg	> 2000	Rat	ECHA OECD 402

Irritation and corrosivity

May cause skin irritation and eye damage.

May cause respiratory irritation.

Sensitising effects

not sensitising.

Carcinogenic/mutagenic/toxic effects for reproduction

No information available.

STOT-single exposure

May cause respiratory irritation.

STOT-repeated exposure

No information available.

Aspiration hazard

No information available.

Additional information on tests

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

SECTION 12: Ecological information**12.1. Toxicity**

The product is not ecotoxic.

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CAS No	Chemical name					
	Aquatic toxicity	Dose	[h] [d]	Species	Source	Method
544-17-2	calcium diformate					
	Acute fish toxicity	LC0 mg/l	1000	96 h	Danio rerio	ECHA UBA

12.2. Persistence and degradability

According to experiences this product is inert and not degradable.

12.3. Bioaccumulative potential

No indication of bioaccumulation potential.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

No information available.

Further information

Avoid release to the environment. Die Hauptkomponenten sind nicht Harmful to aquatic organisms.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation. Allow the product to harden.

Contaminated packaging

Completely emptied packages can be recycled.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number:

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

Inland waterways transport (ADN)

14.1. UN number:

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number:

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

14.3. Transport hazard class(es):

No dangerous good in sense of this transport regulation.

14.4. Packing group:

No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number:

No dangerous good in sense of this transport regulation.

14.2. UN proper shipping name:

No dangerous good in sense of this transport regulation.

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14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.**14.4. Packing group:** No dangerous good in sense of this transport regulation.**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user

No information available.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

not applicable

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

2010/75/EU (VOC): 0%
 Information according to 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

Additional information

Not restricted according to REACH-Regulation, mixture does not contain any substances of the candidate-list

National regulatory information

Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC).
 Water contaminating class (D): 1 - slightly water contaminating

Additional information

BG-Leaflet M004 (D): Irritant substances/corrosive substances (BGI 595, ZH 1/229)

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information**Abbreviations and acronyms**

ADR: Accord européen sur le transport des marchandises dangereuses par Route
 (European Agreement concerning the International Carriage of Dangerous Goods by Road)
 IMDG: International Maritime Code for Dangerous Goods
 IATA: International Air Transport Association
 GHS: Globally Harmonized System of Classification and Labelling of Chemicals
 EINECS: European Inventory of Existing Commercial Chemical Substances
 ELINCS: European List of Notified Chemical Substances
 CAS: Chemical Abstracts Service
 LC50: Lethal concentration, 50%
 LD50: Lethal dose, 50%

Relevant H and EUH statements (number and full text)

H315 Causes skin irritation.
 H318 Causes serious eye damage.
 H335 May cause respiratory irritation.

Further Information

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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Identified uses

No	Short title	SU main	SU	PC	PROC	ERC	AC	Specification
1	Mortar for hobby	21	-	9b	-	-	-	cement

SU main: Main user groups

PC: Product categories

ERC: Environmental release categories

SU: Sectors of use

PROC: Process categories

AC: Article categories

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)