

# Safety Data Sheet

according to Regulation (EC) No 1907/2006



Creative Color Company

## Beton zum Kneten

Date: 20.06.2017

Product code: 200617

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

#### 1.1. Product identifier

Beton zum Kneten

#### Further trade names / Item numbers

9-405-xxx-xx

#### 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: VIVA DECOR GmbH  
Street: Meierweg 8  
Place: D-32108 Bad Salzuflen  
e-mail: info@viva-decor.de  
Internet: www.viva-decor.de

#### 1.4. Emergency telephone number:

+49 5222 36 336 0 (Mo. - Fr.: 8.00 - 16.00 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.

P261: Avoid breathing dust.

P280: Wear protective gloves/eye protection/face protection.

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER/doctor.

P302+P352: IF ON SKIN: Wash with plenty of water.

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P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

### 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 (sand, chalk), flux agents

#### 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			30-40 %
	266-043-4			
	Skin Irrit. 2, Eye Dam. 1, STOT SE 3; H315 H318 H335			

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

#### Further Information

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

## 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

#### Suitable extinguishing media

Extinguishing powder, Carbon dioxide (CO<sub>2</sub>), Foam, Water spray jet

#### Unsuitable extinguishing media

High power water jet

### 5.2. Special hazards arising from the substance or mixture

Non-flammable.

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### 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. 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

#### **Exposure limits (EH40)**

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

### 8.2. Exposure controls

#### **Appropriate engineering controls**

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

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contact with eyes and skin.

### Protective and hygiene measures

Remove contaminated clothing immediately. 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

### Hand protection

Chemical resistant safety gloves (EN 374) recommended

### Skin protection

Wear suitable protective clothing.

### Respiratory protection

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

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state: powder  
Colour: grey  
Odour: odourless

pH-Value (at 20 °C): 11.5-13 **Test method** 10% in water

### Changes in the physical state

Melting point: > 1000 °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): ~ 3 g/cm<sup>3</sup>  
Water solubility: reacts with water  
(at 20 °C)

### Solubility in other solvents

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

### 9.2. Other information

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Solid content:

100%

### SECTION 10: Stability and reactivity

#### 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

Humidity

#### 10.5. Incompatible materials

Strong acids, alkali, oxidizing agents

#### 10.6. Hazardous decomposition products

No known hazardous decomposition products.

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### **Irritation and corrosivity**

May cause skin irritation and eye damage.  
May cause respiratory irritation.

##### **Sensitising effects**

not sensitising.

##### **Carcinogenic/mutagenic/toxic effects for reproduction**

not applicable

##### **STOT-single exposure**

not applicable

##### **STOT-repeated exposure**

not applicable

##### **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.

#### 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.

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### Further information

Avoid release to the environment. The main components are not 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 may be recycled.

## SECTION 14: Transport information

### Land transport (ADR/RID)

<u>14.1. UN number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

### Inland waterways transport (ADN)

<u>14.1. UN number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

### Marine transport (IMDG)

<u>14.1. UN number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	No dangerous good in sense of this transport regulation.

### Air transport (ICAO-TI/IATA-DGR)

<u>14.1. UN number:</u>	No dangerous good in sense of this transport regulation.
<u>14.2. UN proper shipping name:</u>	No dangerous good in sense of this transport regulation.
<u>14.3. Transport hazard class(es):</u>	No dangerous good in sense of this transport regulation.
<u>14.4. Packing group:</u>	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)

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### 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

### Changes

none

### 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.

### Identified uses

No	Short title	SU main	SU	PC	PROC	ERC	AC	Specification
1	Concrete 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.)