

# Safety Data Sheet

according to Regulation (EC) No 1907/2006



Creative Color Company

## Beton Effekt Paste

Date: 27.02.2016

Revised at: 25.10.2016

Version: EN/2

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

#### 1.1. Product identifier

Beton Effekt Paste

#### Further trade names / Item numbers

1-183-xxx-xx

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

##### Use of the substance/mixture

Putty for Art and Crafts

#### 1.3. Details of the supplier of the safety data sheet

Company name: VIVA DECOR GmbH  
Street: Meierweg 8  
Place: D-32108 Bad Salzuffen  
e-mail / website: info@viva-decor.de / www.viva-decor.de  
Responsible Department: Labor

**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

This mixture is not classified as hazardous according to Regulation (EC) No. 1272/2008.

#### 2.2. Label elements

##### Regulation (EC) No. 1272/2008

##### Special labelling of certain mixtures

EUH208: Contains 1,2-benzisothiazol-3(2H)-one, mixture of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

#### 2.3. Other hazards

No information available.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Chemical characterization

Water, binding agent, cellulose fibres, filler, additives, pigment

##### Hazardous components

CAS No	Chemical name	Quantity		
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
471-34-1	calcium carbonate			< 25 %
	207-439-9			
	Substance with occupational exposure limit (OEL), Section 8			
68954-91-6	Poly(oxy-1,2-ethanediyl), a-(3-carboxy-1-oxosulfopropyl)-ω-hydroxy-, C10-12-alkyl ethers, disodium salts			< 1 %
	614-849-5			
	Eye Dam. 1; H318			

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

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### 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.

##### **After contact with skin**

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

##### **After contact with eyes**

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

##### **After ingestion**

Rinse mouth and drink plenty of water.

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

May cause sensitization by skin contact

#### 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, Foam, Sand, Water spray jet

##### **Unsuitable extinguishing media**

High power water jet

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

flame-resistant

#### 5.3. Advice for firefighters

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

##### **Additional information**

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

Avoid contact with eyes and skin. Special danger of slipping by leaking/spilling product

#### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

#### 6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal. 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

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### Advice on safe handling

No special measures are necessary. Avoid contact with eyes and skin.

### 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. Storage temperature: 5-25°C. Protect against direct sunlight.

#### Advice on storage compatibility

No special measures are necessary.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Additional advice on limit values

*Calciumcarbonat* (CAS No: 471-34-1)

Exposure Limit Values

United Kingdom: OEL (8h): 4 mg/m<sup>3</sup>, Respirable dust

United States of America: ACGTH TLV: 10 mg/m<sup>3</sup>, Total dust

### 8.2. Exposure controls

#### Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used.

#### Protective and hygiene measures

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

#### Eye/face protection

Safety glasses in case of splashing

#### Hand protection

Usually not necessary

In the case of prolonged or repeated contact protective gloves are recommended

#### Skin protection

Wear suitable protective clothing.

#### Respiratory protection

With good room ventilation not necessary

## SECTION 9: Physical and chemical properties

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

Physical state: liquid, creamy

Colour: grey

Odour: characteristic

#### Test method

pH-Value (at 20 °C):

7-9 ISO 976

#### Changes in the physical state

Melting point: not determined

Initial boiling point and boiling range: ~ 100 °C

Flash point: not applicable

#### Flammability

Solid: not determined

Gas: not applicable

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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 oxidizing.

Vapour pressure: not determined

Density (at 20 °C): 1.1-1.3 g/cm<sup>3</sup> ISO 2811-3

Water solubility:  
(at 20 °C) miscible

### Solubility in other solvents

not determined

Partition coefficient: not determined

Vapour density: not determined

Evaporation rate: not determined

Solvent content: < 1%

### 9.2. Other information

Solid content: not determined

## 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

Frost, heat, direct sunlight

### 10.5. Incompatible materials

Strong acids or alkali

### 10.6. Hazardous decomposition products

No known hazardous decomposition products.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

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### Acute toxicity

CAS No	Chemical name			
	Exposure route	Dose	Species	Source
471-34-1	calcium carbonate			
	oral	LD50 6450 mg/kg	Rat	GESTIS
68954-91-6	Poly(oxy-1,2-ethanediyl), a-(3-carboxy-1-oxosulfofpropyl)-ω-hydroxy-, C10-12-alkyl ethers, disodium salts			
	oral	LD50 > 2000 mg/kg	Rat	

### Sensitising effects

May cause an allergic skin reaction.

### Additional information on tests

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

## SECTION 12: Ecological information

### 12.1. Toxicity

The product is not: Ecotoxic.

CAS No	Chemical name				
	Aquatic toxicity	Dose	[h]   [d]	Species	Source
471-34-1	calcium carbonate				
	Acute fish toxicity	LC50 > 10000 mg/l	96 h	Oncorhynchus mykiss	
	Acute crustacea toxicity	EC50 > 1000 mg/l	48 h	Daphnia magna	
	Acute algae toxicity	EC50 > 200 mg/l	72 h	Desmodesmus subspicatus	
68954-91-6	Poly(oxy-1,2-ethanediyl), a-(3-carboxy-1-oxosulfofpropyl)-ω-hydroxy-, C10-12-alkyl ethers, disodium salts				
	Acute fish toxicity	LC50 32 mg/l	96 h	Brachydanio rerio	
	Acute crustacea toxicity	EC50 8 mg/l	48 h	Daphnia magna	

### 12.2. Persistence and degradability

The product has not been tested. The polymeric components are poorly biodegradable. They may be eliminated by precipitation or flocculation

Biodegradation of similar product: < 60%, 28 d (Poorly biodegradable., OECD Guideline, No. 301D)

### 12.3. Bioaccumulative potential

The product has not been tested.

### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
471-34-1	calcium carbonate	< 1 (estimated)

### 12.4. Mobility in soil

The product has not been tested.

### 12.5. Results of PBT and vPvB assessment

The product has not been tested. 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.

## SECTION 13: Disposal considerations

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### 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.

#### **Waste disposal number of waste from residues/unused products**

200301 MUNICIPAL WASTES (HOUSEHOLD WASTE AND SIMILAR COMMERCIAL, INDUSTRIAL AND INSTITUTIONAL WASTES) INCLUDING SEPARATELY COLLECTED FRACTIONS; other municipal wastes; mixed municipal waste

#### **Contaminated packaging**

Wash with plenty of water. 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)

**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.

### 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

#### **National regulatory information**

Water contaminating class (D): 1 - slightly water contaminating

#### **Additional information**

No restrictions according to REACH, mixture does not contain SVHC  $\geq 0,1$  % (w/w)

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### 15.2. Chemical safety assessment

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

## SECTION 16: Other information

### Changes

General revision due to Directive (EU) 2015/830

### 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)

H318 Causes serious eye damage.

EUH208 Contains... May produce an allergic reaction.

### Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

### Identified uses

No	Short title	SU main	SU	PC	PROC	ERC	AC	Specification
1	Paste for Art & Crafts	21	-	-	-	-	-	Dispersion

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.)*



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# MATERIAL SAFETY DATA SHEET

## according to 1907/2006/EC

Date 28.02.2016 revised at Version: EN/1 5 Pages

### 1. Identification of the Product and Company

#### 1.1. Trade name / Brand name

Commercial name: **Beton Lasur**  
Productcode: 1-184-xxx-xx

#### 1.2. Relevant identified uses

SU21: consumer uses: private households / general public / consumers.

#### Use of the substance or mixture:

Glaze for Art and Crafts

#### 1.3. Name and address of supplier:

VIVA DECOR GmbH  
Meierweg 8  
D-32108 Bad Salzuflen  
Germany

Email: [info@viva-decor.de](mailto:info@viva-decor.de), [www.viva-decor.de](http://www.viva-decor.de)

#### 1.4. Emergency telephone:

++49-5222-36 336 0 (Mo – Fr: 8:00-16:00)

### 2. Hazards Identification

#### 2.1. Classification of the substance or mixture

Classification according to Regulation No 1272/2008/EC (EU-GHS/CLP)  
Not classified

#### 2.2. Label elements according to Regulation No 1272/2008/EC:

Not applicable

#### Additional Information:

EUH208: Contains 1,2-benzisothiazol-3(2H)-one; mixture of 5-chlor-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction

#### 2.3. Special hazards for human health and environment: none

#### 2.4. Other hazards: None

### 3. Composition / Information on Ingredients

#### 3.1. Chemical characterization: Mixture

Water, wax, additives, pigment

#### 3.2. Hazardous ingredients according to 1272/2008/EC: none

#### 3.3. Additional information: None

### 4. First Aid Measures

#### 4.1. General information: No adverse effects are expected during normal use of the mixture, however if any effects do appear the following recommendations apply.



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- 4.2. **In cases of eye contact:** Rinse immediately with plenty of water. If eye irritation persists, seek medical advice
  - 4.3. **In cases of skin contact:** Rinse with soap and plenty of water, in the case of skin irritation take medical advice
  - 4.4. **In cases of ingestion:** Rinse out mouth and give plenty of water to drink. If symptoms develop, seek medical attention
  - 4.5. **In cases of inhalation:** Move to fresh air in case of accidental inhalation of fumes from overheating or combustion
  - 4.6. **Most important symptoms and effects, both acute and delayed:** may cause an allergic skin reaction
  - 4.7. **Advice to doctor:** treat symptoms
- 

## 5. Fire-fighting Measures

- 5.1. **Extinguishing agents:** Use any means suitable for extinguishing surrounding fire.
  - 5.2. **Extinguishing media which must not be used for safety reasons:** full water jet
  - 5.3. **Special exposure hazards arriving from substance or preparation itself, combusting products, resulting gases:** None in particular, burning produces heavy smoke, do not inhale explosion and combusting gases
  - 5.4. **Protective equipment:** adapt to surrounding fire
  - 5.5. **Additional information:** The formulation is water-based, so the product itself does not burn. Cool containers at risk with water spray jet.
- 

## 6. Accidental Release Measures

- 6.1. **Personal precaution:**  
Ventilate area of leak or spill. Wear appropriate personal protective equipment. Special danger of slipping by leaking or spilling product.
  - 6.2. **Environmental precautions:**  
No special environmental measures are necessary. Dilute with plenty of water. Do not wash into the drains, do not allow to enter sewers/surface or groundwater
  - 6.3. **Clean-up procedure:**  
Soak up with inert absorbent material (e.g. sand, silica gel, universal binder), take it up mechanically and collect in suitable containers for disposal or reclamation, wash with plenty of water
- 

## 7. Handling and Storage.

- 7.1. **Advice on safe handling**  
No special provisions if the product is used appropriately  
Avoid contact with eyes and skin. Comply with the health and safety at work laws
- 7.2. **Advice on protection against fire, aerosol and dust generation**  
Product itself does not burn. No special fire protection measures are necessary.
- 7.3. **Storage:** No requirements for storage rooms and vessels. Protect from sunlight and do not expose to temperatures above 50°C, keep from extreme cold; storage temperature 5-25°C
- 7.4. **Storage class:** Non-combustible fluids



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## 8. Exposure Control / Personal Protection

- 8.1. Exposure limit values:** no occupational exposure limits have been set for this mixture
- 8.2. Personal protection:** The usual precautionary measures are to be adhered to, when handling chemicals: avoid contact with skin and eyes, do not eat, drink or smoke
- 8.3. Eye protection:** usually not necessary, safety goggles during refilling
- 8.4. Hand protection:** normally not necessary, establish skin protection measures after prolonged and/or repeated use, wear latex gloves
- 8.5. Respiratory protection:** no personal respiratory protective equipment normally required. Breathing protection in the event of aerosol formation
- 8.6. Body protection:** working cloths

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## 9. Physical and Chemical Properties

### 9.1. General information

Physical state:	liquid
Colour:	depends on pigmentation
Odour:	characteristic
Flash point:	not applicable
Boiling point/range:	~ 100°C
Melting point:	not determined
Explosion risk:	not explosive, not oxidizing
Density at 25°C:	~ 1 g/cm <sup>3</sup> (ISO 2811-3)
Water solubility (at 20°C):	miscible
pH-value at 20°C:	3.5-7.5 (ISO 53 785)
Viscosity:	< 400 mPa.s (ISO 2555:1989)

- 9.2. Additional information:** VOC-content (EU) < 1% (w/w)

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## 10. Stability and Reactivity

- 10.1. Chemical stability:**  
Product is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.
- 10.2. Materials to avoid:** strong acids and alkali
- 10.3. Hazardous decomposition products:** none known
- 10.4. Conditions to avoid:** frost, heat
- 10.5. Hazardous reactions:** none known

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## 11. Toxicological Information

- 11.1. Acute toxicity (mixture):**  
LD<sub>50</sub>/oral/rat: > 5.000 mg/kg (similar products: OECD 423)  
**Relevant LD<sub>50</sub>/LC<sub>50</sub>-Values:** no data available
- 11.2. Primary irritation:**



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**Skin:** not irritating (primary irritation of skin/rabbit/OECD 404)  
**Eye:** not irritation (primary irritation of eyes/rabbit/OECD 405)  
**Sensitization / allergisation:** may cause an allergic skin reaction  
**CMR:** no data available

**11.3. Others:** According to our experience no damage to health has appeared even in case of long lasting contact.

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## 12. Ecological Information

### 12.1. Ecotoxicity:

**Aquatic toxicity:** main component

Toxicity to bacteria: > 1.000 mg/l (Warburg)

Fishtoxicity (Leuciscus idus) LC<sub>50</sub>: 10 - 100 mg/l/96 h

### 12.2. Persistence and degradation:

The polymeric components of the product are not biodegradable, they may be eliminated by precipitation or flocculation

### 12.3. Other adverse effects:

According to the criteria of the European classification and labeling system, the product has not to be labeled as „dangerous for the environment“.

Since the main component of the product is not easily biodegraded it needs longer duration time for degradation

On the basis of the data about the elimination/degradation and bioaccumulation potential longer term damage to the environment is unlikely.

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## 13. Disposal Considerations

**13.1. Product:** In compliance with local regulations. Dried product, after removal of the water; according to AVV (German Regulation): 20 03 01 (mixed domestic waste)

**13.2. Packaging:** Non-contaminated packages may be recycled

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## 14. Transport Information

Not classified as „hazardous for transport“

Land, river/canal, sea, air-transport: not regulated for transport by ADR/RID-GGVS/E, IMDG/GGVSee, ICAO/IATA

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## 15. Regulatory Information

**Safety, health and environmental regulations/legislations specific for the substance or mixture:**

### 15.1. EU regulations:

The mixture does not require a hazard warning label in accordance with EC directives and/or the relevant national laws

No restrictions according to Regulation No. 1907/2006/EC (REACH): Mixture does not contain any SVHCs

No restrictions according to Regulation 96/82/EC on the control of major-accident hazards involving dangerous substances



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No restrictions according to Regulation 1005/2009/EC on substances that deplete the ozone layer

No restriction according to Regulation 1342/2014/EC amending Regulation 850/2004/EC on persistent organic pollutants as regards Annexes IV and V

No restriction according to 689/2008/EC concerning the export and import of dangerous chemicals

#### **15.2. National legislation (Germany)**

*Water hazard class 1:* slightly hazardous

*Storage class 10-13:* non-combustible fluids

#### **15.3. Chemical Safety Assessment:** A chemical safety assessment (CSA) was not carried out

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#### **16. Other Information**

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product, but to liberation of major amounts in case of accidents and irregularities.

**H-Phrases** (Section 3): none

This material safety data sheet is accurate to the best of our present-day knowledge and is based on information which we consider as reliable. The data should not be taken to imply any guarantee of a particular or general specification. It is the responsibility of the user of the product to ensure to his satisfaction that the product is suitable for the intended purpose and method of use.

This data do not constitute a guarantee for the characteristics of the product as defined by the legal warranty regulations.

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