

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 18.02.2022

Version number 2

Revision: 18.02.2022

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

- 1.1 Product identifier
- Trade name: **CRISTALLFUGE-PLUS bahamabeige, beige, braun, caramel, grau, jasmin, jurabeige, pergamon, sandgrau, silbergrau, weiß**
- 1.2 Relevant identified uses of the substance or mixture and uses advised against
No further relevant information available.
- Application of the substance / the mixture grout
- 1.3 Details of the supplier of the safety data sheet
- **Manufacturer/Supplier:**
SCHOMBURG GmbH & Co. KG
Aquafinstr. 2-8
D-32760 Detmold
Germany
- Tel: ++49 (0)5231/953-00
email: info@schomburg.de
- **Informing department:**
Product Safety Department
- Tel: ++49 (0)5231/953-770
email: SDB@schomburg.de

SECTION 2: Hazards identification

- 2.1 Classification of the substance or mixture
- Classification according to Regulation (EC) No 1272/2008



health hazard

Carc. 2 H351 Suspected of causing cancer. Route of exposure: Inhalation.

- 2.2 Label elements
- **Labelling according to Regulation (EC) No 1272/2008**
The product is classified and labelled according to the CLP regulation.
- **Hazard pictograms** GHS08
- **Signal word** Warning
- **Hazard-determining components of labelling:**
titanium dioxide
- **Hazard statements**
H351 Suspected of causing cancer. Route of exposure: Inhalation.
- **Precautionary statements**
P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Additional information:**
EUH212 Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.

(Contd. on page 2)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 18.02.2022

Version number 2

Revision: 18.02.2022

Trade name: CRISTALLFUGE-PLUS bahamabeige, beige, braun, caramel, grau, jasmin, jurabeige, pergamon, sandgrau, silbergrau, weiß


(Contd. of page 1)

- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Chemical characterisation: Mixtures**
- **Description:** Product based on cement and mineral filler.

- **Dangerous components:**

| | | |
|----------------------------|---|--------|
| CAS: 65997-16-2 | alumina cement clinker | 10-25% |
| EINECS: 266-045-5 | | |
| | | |
| CAS: 13463-67-7 | titanium dioxide | <2.5% |
| EINECS: 236-675-5 |  Carc. 2, H351 | |
| Index number: 022-006-00-2 | | |

- **Additional information** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information** Personal protection for the First Aider.
- **After inhalation** Supply fresh air; consult doctor in case of symptoms.
- **After skin contact** Instantly wash with water and soap and rinse thoroughly.
- **After eye contact**
Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
- **After swallowing** Drink copious amounts of water and provide fresh air. Instantly call for doctor.
- **4.2 Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents**
Product is not inflammable.
Use fire fighting measures that suit the environment.
- **5.2 Special hazards arising from the substance or mixture**
No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** Wear self-contained breathing apparatus.
- **Additional information** Follow the emergency-plan.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Wear protective clothing.
Avoid eye- and skin contact.
Ensure adequate ventilation
Avoid causing dust.
- **6.2 Environmental precautions:** Do not allow product to reach sewage system or water bodies.
- **6.3 Methods and material for containment and cleaning up:**
Pick up the product mechanically, avoid dust formation.

(Contd. on page 3)

Trade name: CRISTALLFUGE-PLUS bahamabeige, beige, braun, caramel, grau, jasmin, jurabeige, pergamon, sandgrau, silbergrau, weiß

(Contd. of page 2)

· **6.4 Reference to other sections** See Section 13 for information on disposal.

SECTION 7: Handling and storage

· 7.1 Precautions for safe handling

Use only in well ventilated areas.
Prevent formation of dust.
Keep away from children.

· **Information about protection against explosions and fires:** No special measures required.

· 7.2 Conditions for safe storage, including any incompatibilities

· Storage

· **Requirements to be met by storerooms and containers:** No special requirements.

· **Information about storage in one common storage facility:**

Please follow the rules of the VCI-Storage-Concept for chemicals.

· **Further information about storage conditions:** Protect from humidity and keep away from water.

· **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

· **Additional information about design of technical systems:**

It must be possible to wash the skin in the working area.

Eye-wash bottle must be available.

Work with fresh air supply (keep doors and windows open).

· **Components with critical values that require monitoring at the workplace:**

1344-28-1 aluminium oxide (2.5-10%)

WEL Long-term value: 10* 4** mg/m³

*inhalable dust **respirable dust

13463-67-7 titanium dioxide (<2.5%)

WEL Long-term value: 10* 4** mg/m³

*total inhalable **respirable

· **Additional information:** The lists that were valid during the compilation were used as basis.

· 8.2 Exposure controls

· **Personal protective equipment**

· **General protective and hygienic measures**

The usual precautionary measures should be adhered to in handling the chemicals.

Be sure to clean skin thoroughly after work and before breaks.

Avoid contact with the eyes and skin.

Vacuum clean contaminated clothing. Do not blow or brush off contamination.

· **Breathing equipment:**

Breathing protection recommended.

Filter P2.

· **Protection of hands:** Hand Protection: Nitril-rubber-latex-gloves.

· **Material of gloves**

Nitril-rubber-latex-gloves II R: Thickness \geq 0,5mm; Penetration time \geq 480 min

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

· **Penetration time of glove material**

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye protection:** Safety glasses

(Contd. on page 4)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 18.02.2022

Version number 2

Revision: 18.02.2022

Trade name: CRISTALLFUGE-PLUS bahamabeige, beige, braun, caramel, grau, jasmin, jurabeige, pergamon, sandgrau, silbergrau, weiß

(Contd. of page 3)

· **Body protection:** Protective work clothing.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

· General Information

· Appearance:

| | |
|---------------------------|------------------------------------|
| · Form: | Powder |
| · Colour: | According to product specification |
| · Smell: | Weak, characteristic |
| · Odour threshold: | Not determined. |

· **pH-value at 20 °C:** 9.3 (1%)

· Change in condition

| | |
|---|----------------|
| · Melting point/freezing point: | Not determined |
| · Initial boiling point and boiling range: | not apply |

· **Flash point:** Not applicable

· **Inflammability (solid, gaseous)** Not determined.

· **Decomposition temperature:** Not determined.

· **Self-inflammability:** Product is not selfigniting.

· **Explosive properties:** Product is not explosive.

· Critical values for explosion:

| | |
|-----------------|-----------------|
| · Lower: | Not determined. |
| · Upper: | Not determined. |

· **Steam pressure:** Not applicable.

· **Density** bulk density

| | |
|-----------------------------------|------------------------|
| · Settled apparent density | 1.3 kg/dm ³ |
| · Relative density | Not determined. |
| · Vapour density | Not applicable. |
| · Evaporation rate | Not applicable. |

· Solubility in / Miscibility with

· **Water:** miscible

· **Partition coefficient: n-octanol/water:** Not determined.

· Viscosity:

| | |
|---------------------|-----------------|
| · dynamic: | Not applicable. |
| · kinematic: | Not applicable. |

· **9.2 Other information** No further relevant information available.

SECTION 10: Stability and reactivity

· **10.1 Reactivity** No further relevant information available.

· 10.2 Chemical stability

· **Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

· **10.3 Possibility of hazardous reactions** No dangerous reactions known

· **10.4 Conditions to avoid** No further relevant information available.

· **10.5 Incompatible materials:** No further relevant information available.

(Contd. on page 5)

Trade name: CRISTALLFUGE-PLUS bahamabeige, beige, braun, caramel, grau, jasmin, jurabeige, pergamon, sandgrau, silbergrau, weiß

(Contd. of page 4)

- **10.6 Hazardous decomposition products:** No dangerous decomposition products known

SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
 - **Acute toxicity** Based on available data, the classification criteria are not met.
 - **LD/LC50 values that are relevant for classification:**
-
- 1317-65-3 Calciumcarbonat**
- | | | |
|------|------|---------------------|
| Oral | LD50 | >5,000 mg/kg (rats) |
|------|------|---------------------|
- 13463-67-7 titanium dioxide**
- | | | |
|------------|----------|---------------------|
| Oral | LD50 | >5,000 mg/kg (rats) |
| Dermal | LD50 | >10,000 mg/kg (rbt) |
| Inhalative | LC50/4 h | 6.8 mg/l (rats) |
- **Primary irritant effect:** No irritant action known.
 - **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
 - **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
 - **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
 - **Additional toxicological information:**
 - **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
 - **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
 - **Carcinogenicity**
Suspected of causing cancer. Route of exposure: Inhalation.
 - **Reproductive toxicity** Based on available data, the classification criteria are not met.
 - **STOT-single exposure** Based on available data, the classification criteria are not met.
 - **STOT-repeated exposure** Based on available data, the classification criteria are not met.
 - **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- **12.1 Toxicity**
 - **Aquatic toxicity:**
-
- 1317-65-3 Calciumcarbonat**
- | | |
|------------|---|
| LC50/96h | >10,000 mg/l (rainbow trout) |
| EC50 (48h) | >1,000 mg/l (Daphnia magna) |
| EC50 | 289 mg/l /72h (Desmodesmus subspicatus) |
| NOEC | 75 mg/l /72h (Desmodesmus subspicatus) |
- 13463-67-7 titanium dioxide**
- | | |
|------|-----------------------------------|
| LC 0 | 48 mg/l (Leuciscus idus) |
| EC0 | 30 mg/l (Daphnia magna) |
| | 24 mg/l (Pseudomonas fluorescens) |
- **12.2 Persistence and degradability** No further relevant information available.
 - **12.3 Bioaccumulative potential** No further relevant information available.
 - **12.4 Mobility in soil** No further relevant information available.
 - **Additional ecological information:**
 - **General notes:**
Water hazard class 1 (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.
 - **12.5 Results of PBT and vPvB assessment**
 - **PBT:** Not applicable.
 - **vPvB:** Not applicable.

(Contd. on page 6)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 18.02.2022

Version number 2

Revision: 18.02.2022

Trade name: CRISTALLFUGE-PLUS bahamabeige, beige, braun, caramel, grau, jasmin, jurabeige, pergamon, sandgrau, silbergrau, weiß

(Contd. of page 5)

- **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

SECTION 14: Transport information

- | | |
|---|-----------------|
| · 14.1 UN-Number · ADR, ADN, IMDG, IATA | Void |
| · 14.2 UN proper shipping name · ADR, ADN, IMDG, IATA | Void |
| · 14.3 Transport hazard class(es) · ADR, ADN, IMDG, IATA · Class | Void |
| · 14.4 Packing group · ADR, IMDG, IATA | Void |
| · 14.5 Environmental hazards: | Not applicable. |
| · 14.6 Special precautions for user | Not applicable. |
| · 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code | Not applicable. |
| · UN "Model Regulation": | Void |

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- **Named dangerous substances - ANNEX I** None of the ingredients is listed.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Relevant phrases**
H351 Suspected of causing cancer.
- **Department issuing data specification sheet:** Environment protection department.
- **Contact:** Environment protection department.
- **Abbreviations and acronyms:**
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
IMDG: International Maritime Code for Dangerous Goods

(Contd. on page 7)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 18.02.2022

Version number 2

Revision: 18.02.2022

Trade name: CRISTALLFUGE-PLUS bahamabeige, beige, braun, caramel, grau, jasmin, jurabeige, pergamon, sandgrau, silbergrau, weiß

(Contd. of page 6)

IATA: International Air Transport Association
GHS: Globally Harmonised 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 (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Carc. 2: Carcinogenicity – Category 2

· *** Data compared to the previous version altered.**

GB