

# Material Safety Data Sheet

according to Regulation (EU) No. 830/2015



**Trade name:** Außenspachtel  
[Fine filling compound, outdoor applications]

**Revised on:** 29/05/2018

**Effective date:**

01 Jan. 2017

**Version:** 6

**Replaces version:**

5 dated 25/10/2016

## Section 1: Identification of the substance/mixture and of the company

### 1.1 Product identifier

Trade name: Außenspachtel  
Name of the substance:  
Chemical name:  
Formula:  
Synonyms:  
CAS-No.: 65997-15-1  
EC-No.: 266-043-4  
REACH No.:

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

Use of the substance: White, polymer-modified, mineral, factory-made dry-mix mortar on the basis of Portland cement

Relevant identified uses:

Uses advised against:

### 1.3 Details of the supplier providing the material safety data sheet

Manufacturer/Supplier: Hilliges Gipswerk GmbH & Co. KG  
Street / P.O. box: Hüttenweg 1  
Nat. ID/ zip code/town or city: D 37520 Osterode am Harz  
Phone: + 49 (0) 5522 9909-0  
Fax: + 49 (0) 5522 9909-90  
E-Mail: wichmann.mark@krone-gips.de

### 1.4 Emergency number

GIZ-Nord [Information centre for poisoning cases]: +49 (0) 551 19240

# Material Safety Data Sheet

according to Regulation (EU) No. 830/2015



**Trade name:** Außenspachtel  
[Fine filling compound, outdoor applications]

**Revised on:** 29/05/2018

**Effective date:**

01 Jan. 2017

**Version:**

6

**Replaces version:**

5 dated 25/10/2016

---

# Material Safety Data Sheet

according to Regulation (EU) No. 830/2015



**Trade name:** Außenspachtel  
[Fine filling compound, outdoor applications]

**Revised on:** 29/05/2018

**Effective date:**

01 Jan. 2017

**Version:** 6

**Replaces version:**

5 dated 25/10/2016

## Section 2: Potential hazards

### 2.1 Classification of the substance or mixture

Regulation (EC) No. 1272/2008



GHS05 –Corrosivity

Eye Dam. 1 H318 Causes serious eye damage



GHS07

Skin Irrit. 2 H315 Causes skin irritation  
STOT SE H 335 May cause respiratory irritation

### 2.2 Labelling elements

Hazard pictograms:



GHS05



GHS07

Signal word:

Danger

Hazards information:

H315 Causes skin irritation

H318 Causes serious eye damage

H335 May cause respiratory irritation

Safety information:

P101 If medical advice is needed, have product container or label ready

P102 Keep out of the reach of children

P103 Read identification label before use

P261 Avoid breathing dust/fumes/gas/mist/vapours/spray

P271 Use outdoors or in well ventilated rooms only

P280 Wear protective gloves/protective clothing/eye protection/face protection

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

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing

# Material Safety Data Sheet

according to Regulation (EU) No. 830/2015



**Trade name:** Außenspachtel  
[Fine filling compound, outdoor applications]

**Revised on:** 29/05/2018      **Effective date:** 01 Jan. 2017  
**Version:** 6      **Replaces version:** 5 dated 25/10/2016

P305+P351 IF IN EYES: Rinse cautiously with water for several minutes. Remove  
+P338 contact lenses if present and easy to do. Continue rinsing  
P310 Immediately call a POISON CENTER or doctor  
P332+P313 If skin irritation occurs: Get medical advice/attention  
P362 Take off contaminated clothing and wash it before re-use  
P501 Dispose of contents/container in accordance with  
local/regional/national/international regulations.

## 2.3 Other hazards

The hazard designation "irritant" does not apply to the dry powder, but only after the addition of moisture or influx of water (alkaline reaction).

The preparation is classified as low-chromate under TRGS 613, as the content of allergising chromate (VI) has, by means of additives, been lowered to < 2 ppm in the cement fraction of the ready-to-use mortar. For the chromate reduction to be effective, the product has to be properly stored and used within the shelf life.

Results of PBT- and vPvB-assessment:

PBT: Not applicable

vPvB: Not applicable

## Section 3: Composition / information on ingredients

### 3.1. Chemical characterisation

Formulation consisting of a special, hydraulically hardening mixture of bonding agents, selected aggregates and special additives. Factory-made dry-mix mortar.

### 3.2. Hazardous ingredients

Description: Portland cement, white

$\Sigma > 20$



Eye Dam. 1H318



Skin Irrit. 2, STOT SE 3, H335

Calcium dihydroxide

0-3;



Eye Dam. 1H318

Skin Irrit. 2, STOT SE 3, H335

CAS-No.: 65997-15-1

EC-No.: 266-043-4

1305-62-0

215-137-3

# Material Safety Data Sheet

according to Regulation (EU) No. 830/2015



**Trade name:** Außenspachtel  
[Fine filling compound, outdoor applications]

**Revised on:** 29/05/2018      **Effective date:** 01 Jan. 2017  
**Version:** 6      **Replaces version:** 5 dated 25/10/2016

## Relevant phrases

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

## Section 4: First-aid measures

### 4.1. Description of first-aid measures

**General information:** Contains cement. Highly alkaline reaction with moisture, so protect skin and eyes. In the case of contact, immediately rinse with water.

**After inhalation:** Supply fresh air. In the event of health complaints, e.g. malaise, coughing or long-term irritation, seek medical advice.

**After skin contact:** Remove dry mortar powder and rinse with plenty of water. Wash off wet mortar powder with plenty of water. In case of skin disorders, consult a physician.

**After eye contact:** In case of contact with the eyes, rinse eyes immediately under running water with eyelids wide open and consult an eye specialist.

**After ingestion:** Do not induce vomiting. Rinse mouth and drink plenty of water. Consult a physician.

**Notes for the physician:**

## Section 5: Fire-fighting measures

### 5.1 Extinguishing agents

**General information:** The product is not combustible, whether dry or mixed for use. Adapt extinguishing measures to suit the surrounding fire.

**Unsuitable extinguishing agents:** None

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

None

### 5.3. Advice for firefighters

**Special protective equipment:** None

**Further information:** None

# Material Safety Data Sheet

according to Regulation (EU) No. 830/2015



**Trade name:** Außenspachtel  
[Fine filling compound, outdoor applications]

**Revised on:** 29/05/2018

**Effective date:**

01 Jan. 2017

**Version:** 6

**Replaces version:**

5 dated 25/10/2016

## Section 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Personnel and members of emergency services not trained for emergencies:

Avoid contact with skin and eyes. Avoid dust formation. Ensure sufficient ventilation / sufficient respiratory protection.

Please also consult Section 8 personal protective equipment.

### 6.2 Environmental precautions

Do not allow to get into sewer system, surface water or ground water. Dispose of the material collected according to regulations.

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

Collect powder by means of a dry process. Collect mixed mortar, let it harden in a container and dispose of it according to Section 13.

## Section 7: Handling and storage

### 7.1 Precautions for safe handling

Precautions: Avoid contact with skin and eyes.

Fire protection measures: None

Measures to prevent aerosol and dust formation: Avoid dust formation.  
Avoid dust formation.

### 7.2 Conditions for safe storage, including incompatibilities

Requirements for storage rooms and containers:

Keep container tightly closed. Protect from moisture. Keep the product in containers equivalent to the original container at all times.

Information on storage with other products:

None

Further information on storage conditions:

In the event of incorrect storage (e.g. ingress of moisture), the chromate reducer contained in the product may lose its effectiveness before expiry of the shelf life.

Storage category:

VCI storage category 13 (non-flammable solid materials)

Recommendation:

Please observe the technical datasheet. Please observe the industry regulation on "low-chromate cements and products".

# Material Safety Data Sheet

according to Regulation (EU) No. 830/2015



**Trade name:** Außenspachtel  
[Fine filling compound, outdoor applications]

**Revised on:** 29/05/2018      **Effective date:** 01 Jan. 2017  
**Version:** 6      **Replaces version:** 5 dated 25/10/2016

## Section 8: Exposure controls and personal protection

### 8.1. Components requiring monitoring of occupational exposure limits and/or biological limits

CAS-No.	Name of the substance	Value to be monitored
65997-15-1	Portland cement (> 20 %)	OEL 5.0 mg/m <sup>3</sup> (E) DFG
1305-62-0	Calcium dihydroxide (0-3 %)	OEL 5.0 mg/m <sup>3</sup> (E) MAC
14808-60-7	Quartz (50-100 %)	MAC alveolar fraction

### Additional Advice

General dust limit 3(A) mg/m<sup>3</sup>

The exposure limits have been extracted from the Technical Rule for Hazardous Substances (TRGS 900) applicable at the time when this data sheet was compiled.

### 8.2 Limitation and monitoring of exposure

**General protection and hygiene measures:** Avoid contact with eyes and skin. Immediately remove contaminated/soaked clothes. Do not eat, drink or smoke during work. Wash hands before breaks and after work. Skin protection by means of skin protection plan according to BGR 197.

#### Personal protective equipment:

**Respiratory protection:** When exposure limits are exceeded, use an FFP1 half-face respirator (white) with particle filter. (refer to information sheet BGR 190).

**Hand protection:** Wear waterproof, abrasion- and alkali-resistant protective gloves (EN 374).

**Glove material:** Use a barrier cream to protect all uncovered parts of the body. Use nitrile-impregnated cotton gloves with the CE-mark (refer to information sheet BGR 190).

Leather or cloth gloves are not suitable.

**Eye protection:** If dust is produced or there is a risk of splashing, use close fitting safety goggles according to EN 166.

**Body protection:** Observe rules for the use of protective clothing. BGR 189 Protective work clothing.

## Section 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Aggregation state:	Powder
Colour:	White or various colours (please refer to package or container)
Odour:	Typical for this type of product
pH (at 20°C), in saturated solution:	11-13.5

# Material Safety Data Sheet

according to Regulation (EU) No. 830/2015



**Trade name:** Außenspachtel  
[Fine filling compound, outdoor applications]

**Revised on:** 29/05/2018      **Effective date:** 01 Jan. 2017  
**Version:** 6      **Replaces version:** 5 dated 25/10/2016

Melting point/freezing point:	>1000 °C
Boiling point:	Not available
Flash point:	Not available
Evaporation rate:	Not available
Flammability (solid, gaseous):	Not available
Upper / lower flammability or explosive limits:	Not available
Steam pressure:	Not applicable
Bulk density:	Approx. 1450 kg/m <sup>3</sup>
Solubility in water (at 20°C):	< 50 g/l
Auto-ignition temperature:	Not available
Further reactions:	Hardens hydraulically. Alkaline reaction with water.
Viscosity:	Not applicable
Explosive properties:	Not applicable
Oxidizing properties:	Not applicable

## Section 10: Stability and reactivity

### Conditions to be avoided

Avoid moisture

### Hazardous decomposition products

No hazardous decomposition products known

### Further notes

All information provided under the condition that the product is used as specified

## Section 11: Toxicological Information

### 11.1. Information on toxicological effects

#### Primary irritant effect

On skin	Irritant to skin and mucous membranes. Note: When mixed with water, the product may cause serious damage to the skin in case of prolonged contact with the skin. Simultaneous mechanical stress of the skin may aggravate such effects.
On eyes	Irritant effect



# Material Safety Data Sheet

according to Regulation (EU) No. 830/2015



**Trade name:** Außenspachtel  
[Fine filling compound, outdoor applications]

**Revised on:** 29/05/2018      **Effective date:** 01 Jan. 2017  
**Version:** 6      **Replaces version:** 5 dated 25/10/2016

In the oral cavity      Swallowing will cause a strong caustic effect on the oral cavity and throat; danger of perforation of oesophagus and stomach.

## Allergisation

As long as the minimum use-by-date is not exceeded, a sensitising effect is not to be expected.

## General notes

On the basis of the results of calculations performed according to the General Classification Guideline for Preparations of the EC in its latest valid version this product is associated with the following risks: Irritant.

No toxicological data available. Classification of the preparation has been done by the calculation procedure in accordance with EC directives.

## Section 12: Ecological information

### 12.1. Toxicity

No relevant information on aquatic toxicity available.

### 12.2. Persistence and degradability

Not applicable, because the product is an inorganic, mineral material. Building material residues remaining during hydration do not present any toxicological risk.

### 12.3. Bioaccumulation potential

Not applicable, because the product is an inorganic, mineral material. Building material residues remaining during hydration do not present any toxicological risk.

### 12.4. Mobility in soil

Not applicable, because the product is an inorganic, mineral material. Building material residues remaining during hydration do not present any toxicological risk.

Other ecological information:      No relevant information available.

### 12.5. Results of PBT- and vPvB-assessment

PBT:      Not applicable  
vPvB:      Not applicable

### 12.6. Other harmful effects

No additional relevant information available.

# Material Safety Data Sheet

according to Regulation (EU) No. 830/2015



**Trade name:** Außenspachtel  
[Fine filling compound, outdoor applications]

**Revised on:** 29/05/2018      **Effective date:** 01 Jan. 2017  
**Version:** 6      **Replaces version:** 5 dated 25/10/2016

## Section 13: Disposal considerations

### 13.1. Waste treatment procedure

**Recommendation: Product, unused residual quantity:**  
Collect material by means of a dry process. Re-usable (observe use-by-date)  
**Product, after water ingress, fully hardened:**  
Dispose of in compliance with the rules and regulations of local authorities.

#### European waste catalogue:

10 13 11 Wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10

10 13 14 Waste concrete and concrete sludge

Uncleaned packaging - recommendation: Disposal in accordance with applicable government regulations

## Section 14: Transport information

**The mortar mix is not subject to international Dangerous Goods Regulations (IMDG, IATA, ADR/RID). Consequently, no classification as hazardous material is required.**

### 14.1. UN number

Not applicable

### 14.2. Proper UN-shipping name

Not applicable

### 14.3. Transport hazard classes

Not applicable

### 14.4. Packing Group

Not applicable

### 14.5. Environmental hazards

Not applicable

### 14.6. Special precautions for users

Not applicable

## Section 15: Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

# Material Safety Data Sheet

according to Regulation (EU) No. 830/2015



**Trade name:** Außenspachtel  
[Fine filling compound, outdoor applications]

**Revised on:** 29/05/2018      **Effective date:** 01 Jan. 2017  
**Version:** 6      **Replaces version:** 5 dated 25/10/2016

**National regulations:** Classification according to Industrial Safety Regulation (Betriebssicherheitsverordnung, BetrSichV)

**Water hazard class (WGK):** WGK 1 slightly hazardous to waters (self-appraisal according to VwVwS dated 17 May 1999 [Administrative Order relating to substances hazardous to water])

**GISCODE: ZP1** Hazardous Substances Regulation (Gefahrstoffverordnung (GefStofV), Chemicals Prohibition Regulation (Chemikalienverbotsverordnung ChemVerbotsV))

Other rules and regulations, limitations and prohibition regulations  
BGR 190 Rules for the use of breathing apparatus  
BGR 192 Rules for the use of eye and face protection equipment  
BGR 189 Rules for the use of protective clothing  
BGR 195 Rules for the use of protective gloves

## Section 16: Other information

**Department issuing data specification sheet:** Hilliges Gipswerk GmbH & Co. KG,  
Abteilung Qualitätssicherung [Quality Assurance Department],  
Hüttenweg 1,  
37520 Osterode am Harz

**Contact:** Quality Assurance Department  
Tel.-No.: + 49 (0) 5522 9909 34  
Tel./ Fax: + 49 (0) 5522 9909 90

**Wording of h and p-clauses:**

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

**Further notes** According to Article 6 (3) of Directive 1999/45/EC, classification of the mortar as R 43 does not apply due to the fact, that in a conventional assessment, the sensitising effect of the mortar has been overestimated on the grounds of the antagonistic effects (chromium IV) and reducing agents.

**Other notes:** The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information is intended to give you advice about the safe handling of the product indicated in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In as far as the product described in this material safety data sheet is combined, mixed or processed with other materials or is subjected to any adaptation, the information provided in this material safety data sheet may, unless expressly stated

# Material Safety Data Sheet

according to Regulation (EU) No. 830/2015



**Trade name:** Außenspachtel  
[Fine filling compound, outdoor applications]

**Revised on:** 29/05/2018

**Effective date:**

01 Jan. 2017

**Version:**

6

**Replaces version:**

5 dated 25/10/2016

---

otherwise, not be transferred to the new material manufactured in the above manner.