

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

Printing date 16.03.2023

Version number 2.0 (replaces version 1.2)

Revision: 16.03.2023

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

- **1.1 Product identifier**
 - **Trade name: 916 Europlan Safe**
- **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**

Levelling material
Knife filler/ Surfacer
- **1.3 Details of the supplier of the safety data sheet**
 - **Manufacturer/Supplier:**

Forbo Eurocol Deutschland GmbH
August-Röbling-Straße 2
99091 Erfurt
GERMANY
 - Tel.: +49 361 730 41 0
Fax: +49 (0)361 73041-92
E-Mail: Elisabeth.Reinhardt@forbo.com
www.forbo-eurocol.de
- **Further information obtainable from:**

Laboratory
Elisabeth Reinhardt
Elisabeth.Reinhardt@forbo.com
- **1.4 Emergency telephone number:**

Poison information center for the states of Mecklenburg-Western Pomerania, Saxony, Saxony-Anhalt and Thuringia:
+49-361-730730

SECTION 2: Hazards identification

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



corrosion

Eye Dam. 1 H318 Causes serious eye damage.

- **2.2 Label elements**
 - **Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the GB CLP regulation.
 - **Hazard pictograms**



GHS05

- **Signal word** *Danger*
- **Hazard-determining components of labelling:**

Cement, portland, chemicals

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- **Hazard statements**

H318 Causes serious eye damage.

- **Precautionary statements**

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

P102 Keep out of reach of children.

P103 Read carefully and follow all instructions.

P280 Wear protective gloves / eye protection.

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

P310 Immediately call a POISON CENTER/doctor.

- **2.3 Other hazards**

The product contains chromate reducers, which reduces the content of water-soluble chromium (VI) to less than

0.0002%. In the event of improper storage (ingress of moisture), the contained chromate reducers may lose their effectiveness prematurely and on contact with the skin the cement/binding agent can have a sensitizing effect (H317 or EUH203).

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**

- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

| | | |
|--------------------------------------|--|----------|
| CAS: 7778-18-9 EINECS: 231-900-3 | calcium sulphate, natural substance with a Community workplace exposure limit | 2.5-10% |
| CAS: 65997-15-1 EINECS: 266-043-4 | Cement, portland, chemicals ☠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315; Skin Sens. 1A, H317; STOT SE 3, H335 | ≥3-<10% |
| CAS: 68475-76-3 | flue dust ☠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315; Skin Sens. 1B, H317; STOT SE 3, H335 | ≥0.1-<1% |

- **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**

- **After inhalation:** Supply fresh air.

- **After skin contact:** Generally the product does not irritate the skin.

- **After eye contact:** Rinse opened eye for several minutes under running water. Then consult a doctor.

- **After swallowing:**

Do not induce vomiting. Rinse out mouth and drink plenty of water. Consult a doctor if symptoms persist.

- **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:**

Use fire extinguishing methods suitable to surrounding conditions.

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Alcohol-resistant foam. Water spray. Carbon dioxide. Extinguishing powder.

· **5.2 Special hazards arising from the substance or mixture**

In case of fire, formation of toxic gases possible. In case of fire may be released: CO and CO₂

· **5.3 Advice for firefighters**

· **Protective equipment:** No special measures required.

SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**

Wear protective equipment. Keep unprotected persons away.

· **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.

· **6.3 Methods and material for containment and cleaning up:**

Use neutralising agent.

Dispose contaminated material as waste according to item 13.

· **6.4 Reference to other sections**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

· **7.1 Precautions for safe handling** Thorough dedusting.

· **Information about fire - and explosion protection:** No special measures required.

· **7.2 Conditions for safe storage, including any incompatibilities**

· **Storage:**

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

· **Information about storage in one common storage facility:** Not required.

· **Further information about storage conditions:** Keep container tightly sealed.

· **Recommended storage temperature:** 5-30°C

· **Storage class (TRGS):** 11

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

SECTION 8: Exposure controls/personal protection

· **8.1 Control parameters**

· **Ingredients with limit values that require monitoring at the workplace:**

7778-18-9 calcium sulphate, natural

ÖES Short-term value: *10 **4 mg/m³

8hr TWA *Total Inhalable **Respirable

65997-15-1 Cement, portland, chemicals

WEL Long-term value: 10* 4** mg/m³

*inhalable dust **respirable dust

· **DNELs**

7778-18-9 calcium sulphate, natural

| | | |
|------------|---|--|
| Oral | DNEL Long-term - oral, systemic effects | 1.52 mg/kg_bw/day (general public) |
| | DNEL Acute - oral, systemic effects | 11.4 mg/kg bw/day (general public) |
| Inhalative | DNEL Long-term - inhalation, systemic effects | 21.17 mg/m ³ /d (Worker) |
| | | 5.29 mg/m ³ /d (general public) |
| | DNEL Acute - inhalation, systemic effects | 5,082 mg/m ³ (Worker) |

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| | |
|-------------------------------------|--|
| | 3,811 mg/m ³ (general public) |
| · PNECs | |
| 7778-18-9 calcium sulphate, natural | |
| PNEC short term, sewage plant | 100 mg/l (Aquatic organisms) |

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

· **8.2 Exposure controls**

· **Appropriate engineering controls** No further data; see item 7.

· **Individual protection measures, such as personal protective equipment**

· **General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes.

Avoid contact with the eyes and skin.

· **Respiratory protection:** Filter P1

· **Hand protection**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation



Protective gloves

· **Material of gloves**

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 through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **Eye/face protection**



Tightly sealed goggles

SECTION 9: Physical and chemical properties

· **9.1 Information on basic physical and chemical properties**

· **General Information**

· **Physical state**

Solid

· **Colour:**

Grey

· **Odour:**

Specific type

· **Odour threshold:**

Not determined.

· **Melting point/freezing point:**

Undetermined.

· **Boiling point or initial boiling point and boiling range**

Undetermined.

· **Flammability**

Not determined.

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| | |
|---|-----------------|
| · Lower and upper explosion limit | |
| · Lower: | Not determined. |
| · Upper: | Not determined. |
| · Flash point: | Not applicable. |
| · Decomposition temperature: | Not determined. |
| · pH at 20 °C | 11 |
| · Viscosity: | |
| · Kinematic viscosity | Not applicable. |
| · Viscosity @100°C: | |
| · Dynamic: | Not applicable. |
| · Solubility | |
| · water: | Soluble. |
| · Partition coefficient n-octanol/water (log value) | Not determined. |
| · Vapour pressure: | Not applicable. |
| · Density and/or relative density | |
| · Density: | Not determined. |
| · Relative density | Not determined. |
| · Density (@15°C) | Not determined. |
| · Vapour density | Not applicable. |

| | |
|--|---|
| · 9.2 Other information | |
| · Appearance: | |
| · Form: | Like powder |
| · Important information on protection of health and environment, and on safety. | |
| · Ignition temperature: | Product is not selfigniting. |
| · Explosive properties: | Product does not present an explosion hazard. |
| · Solvent content: | |
| · VOC (EC) | 0.00 % |
| · Solids content: | 100.0 % |
| · Change in condition | |
| · Evaporation rate | Not applicable. |

| | |
|---|------|
| · Information with regard to physical hazard classes | |
| · Explosives | Void |
| · Flammable gases | Void |
| · Aerosols | Void |
| · Oxidising gases | Void |
| · Gases under pressure | Void |
| · Flammable liquids | Void |
| · Flammable solids | Void |
| · Self-reactive substances and mixtures | Void |
| · Pyrophoric liquids | Void |
| · Pyrophoric solids | Void |
| · Self-heating substances and mixtures | Void |
| · Substances and mixtures, which emit flammable gases in contact with water | Void |
| · Oxidising liquids | Void |
| · Oxidising solids | Void |
| · Organic peroxides | Void |
| · Corrosive to metals | Void |
| · Desensitised explosives | Void |

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

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Causes serious eye damage.
- **11.2 Information on other hazards**

- **Endocrine disrupting properties**

None of the ingredients is listed.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **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.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties**
- The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects** No further relevant information available.
- **Additional ecological information:**
- **General notes:**
- Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
- Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- Must not reach sewage water or drainage ditch undiluted or unneutralised.

SECTION 13: Disposal considerations

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

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SECTION 14: Transport information

- | | |
|--|-----------------|
| · 14.1 UN number or ID number · ADR, IMDG, IATA | not regulated |
| · 14.2 UN proper shipping name · ADR, IMDG, IATA | not regulated |
| · 14.3 Transport hazard class(es) · ADR, ADN, IMDG, IATA · Class | not regulated |
| · 14.4 Packing group · ADR, IMDG, IATA | not regulated |
| · 14.5 Environmental hazards: | Not applicable. |
| · 14.6 Special precautions for user | Not applicable. |
| · 14.7 Maritime transport in bulk according to IMO instruments | Not applicable. |
| · UN "Model Regulation": | not regulated |

SECTION 15: Regulatory information

- | | |
|---|------------------------------------|
| · 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture: (Substances not listed) | None of the ingredients is listed. |
|---|------------------------------------|
- Directive 2012/18/EU
 - Named dangerous substances - ANNEX I None of the ingredients is listed.
 - National regulations:
 - VOC (EU) 0.0 g/l
 - 15.2 Chemical safety assessment: A Chemical Safety Assessment has been carried out.

SECTION 16: Other information

- **Disclaimer**
This safety data sheet contains only safety relevant information. The information is based on the state of our knowledge at the time of revision, however, it does not constitute a guarantee of product properties, product information or product specifications and does not establish a contractual legal relationship. This document is only valid in its unchanged form. In the event of changes by third parties, the exhibitor accepts no responsibility for form and content or for any damages or claims arising from such changes. The information is not transferable to other products. If the product named in this safety data sheet is mixed, blended or processed with other materials or is subjected to processing, the information in this safety data sheet cannot be transferred to the new material produced in this way, unless expressly stated otherwise. The data sheet does not release the user from the obligation to ensure that he acts in accordance with all regulations in connection with his activity.
- **Relevant phrases**
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.
- **Department issuing SDS:** Quality Management department

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- **Contact:**
Laboratory
Elisabeth Reinhardt
Elisabeth.Reinhardt@forbo.com
- **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
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)
VOC: Volatile Organic Compounds (USA, EU)
DNEL: Derived No-Effect Level (UK REACH)
PNEC: Predicted No-Effect Concentration (UK REACH)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Skin Sens. 1A: Skin sensitisation – Category 1A
Skin Sens. 1B: Skin sensitisation – Category 1B
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
- *** Data compared to the previous version altered.**

Annex: Exposure scenario

- **Description of the activities / processes covered in the Exposure Scenario**
See section 1 of the annex to the Safety Data Sheet.
- **Conditions of use**
- **Duration and frequency** 5 workdays/week.
- **Physical parameters**
- **Physical state** Fluid
- **Concentration of the substance in the mixture** The substance is main component.
- **Other operational conditions**
- **Other operational conditions affecting environmental exposure** No special measures required.
- **Other operational conditions affecting worker exposure**
Avoid contact with eyes.
Avoid contact with the skin.
Avoid long-term or repeated skin contact.
Do not breathe gas/vapour/aerosol.
- **Other operational conditions affecting consumer exposure** Not required.
- **Other operational conditions affecting consumer exposure during the use of the product** Not applicable.
- **Risk management measures**
- **Worker protection**
- **Organisational protective measures** No special measures required.
- **Technical protective measures**
No special measures required.
Ensure that suitable extractors are available on processing machines
- **Personal protective measures**
No special measures required.
Do not inhale gases / fumes / aerosols.
Avoid contact with the skin.
Avoid contact with the eyes.
Tightly sealed goggles
Filter P1
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the

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*degradation**Protective gloves**Do not inhale dust / smoke / mist.***· Measures for consumer protection***No special measures required.**Ensure adequate labelling.***· Environmental protection measures****· Air** *No special measures required.***· Water***No special measures required.**Generally, prior to the introduction of wastewater into wastewater treatment plants a neutralisation is required.***· Disposal measures** *Ensure that waste is collected and contained.***· Disposal procedures***Dispose of product residues with household waste.**Must not be disposed together with household garbage. Do not allow product to reach sewage system.***· Waste type** *Partially emptied and uncleaned packaging***· Exposure estimation****· Consumer** *Not relevant for this Exposure Scenario.***· Guidance for downstream users** *No further relevant information available.*

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