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

1.1 Product identifier
   - Trade name: Servoflex Trio SuperTec grau/weiss

1.2 Relevant identified uses of the substance or mixture and uses advised against
   - SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
   - SU21 Consumer uses: Private households / general public / consumers

1.3 Application of the substance / the mixture
   - Tile adhesive

1.4 Details of the supplier of the safety data sheet
   - Manufacturer/Supplier: Kiesel Bauchemie GmbH & Co. KG
     Wolf-Hirth-Str. 2
     D-73730 Esslingen
     Tel.: +49(0)711/93134-0
     Fax: +49(0)711/93143-140
     E-Mail: sida@kiesel.com
   - Informing department: Laboratory, departments of enviromental protection and labor protection
   - Emergency telephone number: Poison Information Center Freiburg Tel.: +49(0)761/19240 (24h German and English)

SECTION 2: Hazards identification

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

   GHS05 corrosion
   - Eye Dam. 1 H318 Causes serious eye damage.

   GHS07
   - Skin Irrit. 2 H315 Causes skin irritation.
   - STOT SE 3 H335 May cause respiratory irritation.

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
     GHS05 GHS07

   - Signal word
     Danger

(Contd. on page 2)
Hazard-determining components of labelling: Portland Cement

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

Precautionary statements
P102 Keep out of reach of children.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards
This mixture does not contain a substance considered to be persistent, bioaccumulative or toxic (PBT) becomes. This mixture does not contain a substance which is considered to be very persistent or very bioaccumulative (vPvB)
(If not mentioned in section 3).

Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Chemical characterisation: Mixtures

Dangerous components:
CAS: 65997-15-1 Portland Cement 25-<50%

Eye Dam. 1, H318
Skin Irrit. 2, H315; STOT SE 3, H335

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
If you feel unwell, seek medical advice. Immediately remove contaminated clothing.
Trade name Servoflex Trio SuperTec grau/weiss

- After inhalation
  Inhalation of dusts causes irritation and swelling of respiratory ducts. In case of unconsciousness bring patient into stable side position for transport.
- After skin contact
  Instantly wash with water and soap and rinse thoroughly.
- After eye contact
  Rinse opened eye for several minutes under running water. Then consult doctor.
- After swallowing
  Rinse out mouth and then drink plenty of water. Seek immediate medical advice.

- 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: The product itself does not burn. Use fire fighting measures that suit the environment.
- 5.2 Special hazards arising from the substance or mixture
  Formation of toxic gases is possible during heating or in case of fire.
- 5.3 Advice for firefighters
  Protective equipment: Wear non-circulation breathing equipment and chemical-protective clothing. Do not inhale explosion gases or fire fumes.

**SECTION 6: Accidental release measures**

- 6.1 Personal precautions, protective equipment and emergency procedures
  Avoid causing dust.
- 6.2 Environmental precautions:
  No special measures required.
- 6.3 Methods and material for containment and cleaning up:
  Collect mechanically. Use neutralising agent. Dispose of 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 information on disposal.
SECTION 7: Handling and storage

7.1 Precautions for safe handling

- Provide suction extractors if dust is formed.
- Thorough dedusting.
- Do not leave the container standing open.
- Ensure good ventilation/exhaustion at the workplace.
- Avoid contact with skin and eyes.
- Do not breathe dust.
- Breathing apparatus only if aerosol or dust is formed. Protected above to humidity.

- 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: Protect from water.
  - Information about storage in one common storage facility: Store away from foodstuffs.
  - Further information about storage conditions: Keep container tightly sealed.

7.3 Specific end use(s)

No further relevant information available.

SECTION 8: Exposure controls/personal protection

- Additional information about design of technical systems: No further data; see item 7.

8.1 Control parameters

- Components with critical values that require monitoring at the workplace:

- 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: Keep away from foodstuffs, beverages and food.
  - Instantly remove any soiled and impregnated garments.
  - Wash hands during breaks and at the end of the work.
  - Avoid contact with the skin.
  - Avoid contact with the eyes and skin.

- Breathing equipment:
  - In case of brief exposure or low pollution use breathing filter apparatus. In case of intensive or longer exposure use breathing apparatus that is independent of circulating air.
  - Breathing apparatus only if aerosol or dust is formed.
  - Suitable respiratory protection at low concentrations or short-term exposure: Particle filter EN 143 type P2 (medium retention capacity (solid and liquid particles of harmful substances)).
Safety data sheet according to 1907/2006/EC, Article 31

Printing date 31.03.2020 Version number 20 Revision: 31.03.2020

Trade name Servoflex Trio SuperTec grau/weiss

- Protection of hands: Protective gloves. The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- Material of gloves: Rubber gloves
- 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: Tightly sealed safety glasses.
- Body protection: long sleeved clothing

**SECTION 9: Physical and chemical properties**

- **9.1 Information on basic physical and chemical properties**
  - Appearance:
    - Form: Powder
    - Colour: According to product specification
    - Smell: Odourless
    - Odour threshold: Not determined.
  - **pH-value at 20 °C:** 12
  - **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 at 20 °C:** 1.3 g/cm³
  - **Relative density:** Not determined.
  - **Vapour density:** Not applicable.
  - **Evaporation rate:** Not applicable.
  - **Solubility in / Miscibility with Water:** is setting hydraulically
  - **Partition coefficient: n-octanol/water:** Not determined.
  - **Viscosity:**
    - dynamic: Not applicable.
    - kinematic: Not applicable.
Safety data sheet
downloading 1907/2006/EC, Article 31
Printing date 31.03.2020 Version number 20 Revision: 31.03.2020
Trade name Servoflex Trio SuperTec grau/weiss

(Contd. of page 5)

· Solvent content:
  · Solids content: 100.0 %
· 9.2 Other information No further relevant information available.

SECTION 10: Stability and reactivity
· 10.1 Reactivity No further relevant information available.
· 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: None known.

*SECTION 11: Toxicological information
· 11.1 Information on toxicological effects
  · Acute toxicity Based on available data, the classification criteria are not met.
  · Primary irritant effect: Causes skin irritation.
  · Skin corrosion/irritation Causes skin irritation.
  · Serious eye damage/irritation Causes serious eye damage.
  · Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
  · CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
  · Germ cell mutagenicity Based on available data, the classification criteria are not met.
  · Carcinogenicity Based on available data, the classification criteria are not met.
  · Reproductive toxicity Based on available data, the classification criteria are not met.
  · STOT-single exposure May cause respiratory irritation.
  · 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 No further relevant information available.
· 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.
· 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.
51.0.2 Must not reach sewage water or drainage ditch undiluted or unneutralised. Rinse off of bigger amounts into drains or the aquatic environment may lead to increased pH-values. A high pH-value harms aquatic organisms. In the dilution of the use-level the pH-value is considerably reduced, so that after the use of the product the aqueous waste, emptied into drains, is only low water-dangerous.

12.5 Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.

12.6 Other adverse effects No further relevant information available.

SECTION 13: Disposal considerations

- 13.1 Waste treatment methods
  - Recommendation Disposal according to official regulations
  - further Notes Mix product residue with water, allow to harden, then dispose as Construction Waste.

- Uncleaned packagings:
  - Recommendation: Disposal must be made according to official regulations.

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 Void

- 14.4 Packing group
  - ADR, IMDG, IATA Void

- 14.5 Environmental hazards:
  - Marine pollutant: No

- 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.

- Transport/Additional information: Not classified as dangerous in the meaning of transport regulations.

- 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

This information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge. It does not constitute a legal warranty regulations. The delivery specifications are contained in the corresponding product sheet.

- 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 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)
  - 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
  - STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

* Data compared to the previous version altered.
* Comment

The information is based on our knowledge we do have so far. However it is not a confirmation of product features and does not establish contractual legal relationship. Use, operation and processing are the responsibility of the customer.