

Safety Data Sheet

according to WHS Regulations

Printing date 25.05.2023

Version number 21

Revision: 25.05.2023

Hazardous according to criteria of Australian Safety and Compensation Council.

1 Identification

- **Product identifier**
- **Trade name** Servoplan S 111
- **Relevant identified uses of the substance or mixture and uses advised against** none
- **Sector of Use** SU21 Consumer uses: Private households / general public / consumers
SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- **Application of the substance / the mixture** Knife filler/ Surfacer
- **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:** Polyflor Australia
101 Prosperity Way,
Dandenong South VIC 3175

Orders & Enquiries T | 1800 777 425

E | technical@polyflor.com.au
- **Emergency telephone number:** Laboratory, departments of environmental protection and labor protection

Poison Information Center Freiburg Tel.: +49(0)761/ 19240
(24h German and English)

2 Hazard(s) Identification

- **Classification of the substance or mixture**



corrosion

Eye Dam. 1 H318 Causes serious eye damage.

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

- Label elements
- GHS label elements
- Hazard pictograms

The product is classified and labelled according to the Globally Harmonised System (GHS).


GHS05 GHS07

- Signal word
- Hazard-determining components of labelling:
- Hazard statements

Danger

- Precautionary statements

Portland Cement
Causes skin irritation.
Causes serious eye damage.
May cause respiratory irritation.
Keep out of reach of children.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Wash thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Wear eye protection / face protection.
IF ON SKIN: Wash with plenty of water.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
Immediately call a POISON CENTER/doctor.
Specific treatment (see on this label).
Take off contaminated clothing and wash it before reuse.
If skin irritation occurs: Get medical advice/attention.
Store in a well-ventilated place. Keep container tightly closed.
Store locked up.
Dispose of contents/container in accordance with local/regional/national/international regulations.

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

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3 Composition and Information on Ingredients

· Chemical characterisation: Mixtures

· Dangerous components:

CAS: 14808-60-7	Quarz (SiO ₂)	25-<50%
CAS: 65997-15-1	Portland Cement	10-<25%
	 Eye Dam. 1, H318  Skin Irrit. 2, H315; STOT SE 3, H335	
CAS: 65997-16-2	Calcium Aluminate Cement	10-<25%
	 Skin Irrit. 2, H315; Serious eye damage/irritation – Category 2A, H319	
CAS: 471-34-1	calcium carbonate	10-<25%

· Additional information

CAS: 14808-60-7 Quarz (SiO₂) : The proportion of respirable silica is < 2% in the raw material (respirable silica has a grain size of 0-18 µm).
 For the wording of the listed hazard phrases refer to section 16.

4 First Aid Measures

· General information	Immediately remove contaminated clothing. If you feel unwell, seek medical advice.
· After inhalation	In case of unconsciousness bring patient into stable side position for transport. Seek medical treatment in case of complaints.
· 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, do not induce vomiting, seek medical help immediately. Do not administer home remedies (milk, alcohol, oil, etc.). Show the package or label to the doctor in charge.
· Information for doctor	
· Most important symptoms and effects, both acute and delayed	No further relevant information available.
· Indication of any immediate medical attention and special treatment needed	No further relevant information available.

5 Fire Fighting Measures

- Suitable extinguishing agents CO₂, extinguishing powder or water jet. Fight larger fire with alcohol-resistant foam.
Use fire fighting measures that suit the environment.

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- **For safety reasons unsuitable extinguishing agents** *Water with a full water jet.*
- **Special hazards arising from the substance or mixture** *Formation of toxic gases is possible during heating or in case of fire.*
- **Protective equipment:** *Wear non-circulation breathing equipment and chemical-protective clothing. Do not inhale explosion gases or fire fumes.*

6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures** *Not required.*
- **Environmental precautions:** *No special measures required.*
- **Methods and material for containment and cleaning up:** *Use neutralising agent.
Dispose of contaminated material as waste according to item 13.
Collect mechanically.*
- **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.*

7 Handling and Storage

- **Handling**
- **Precautions for safe handling** *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.*
- **Storage**
- **Requirements to be met by storerooms and containers:** *No special requirements.*
- **Information about storage in one common storage facility:** *Not required.*
- **Further information about storage conditions:** *Keep container tightly sealed.*

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· Specific end use(s)

No further relevant information available.

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8 Exposure controls and personal protection

· Additional information about design of technical systems: No further data; see section 7.

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

 CAS: 14808-60-7 Quarz (SiO₂)

 WES Long-term value: 0.05 mg/m³
respirable dust

CAS: 65997-15-1 Portland Cement

 WES Long-term value: 10 mg/m³
inhalable dust

CAS: 471-34-1 calcium carbonate

 WES Long-term value: 10 mg/m³
inhalable dust

· Additional information:

The lists that were valid during the compilation were used as basis.

· 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:

 Suitable respiratory protection for low concentrations or short-term exposure: Particle filter EN 143 type P2 (medium retention capacity (solid and liquid pollutant particles)).
 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.

· 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
 Rubber gloves

· Material of gloves

· 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.
 Tightly sealed safety glasses.

· Eye protection:

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9 Physical and Chemical Properties

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

· Appearance:	
· Form:	Powder
· Colour:	Grey
· Smell:	Characteristic
· Odour threshold:	Not determined.
· pH-value at 20 °C:	12 (5%)
· 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.
· Auto-ignition temperature:	>400 °C
· 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	1,135 g/cm ³
· Settled apparent density	1,335 kg/m ³
· 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 at 20 °C:	0 s (DIN 53211/4)
· Solvent content:	
· Solids content:	100.0 %

· **Other information** *The physical data are average values.*

10 Stability and Reactivity

· Reactivity	<i>No further relevant information available.</i>
· Possibility of hazardous reactions	<i>No dangerous reactions known</i>
· Conditions to avoid	<i>No further relevant information available.</i>
· Incompatible materials:	<i>No further relevant information available.</i>

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- **Hazardous decomposition products:** **None known.**

11 Toxicological Information

- **Information on toxicological effects**
- **Acute toxicity** **Based on available data, the classification criteria are not met.**
- **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.**
- **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.**

12 Ecological Information

- **Toxicity**
- **Aquatic toxicity:** **No further relevant information available.**
- **Persistence and degradability** **No further relevant information available.**
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** **No further relevant information available.**
- **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.
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.
- **Results of PBT and vPvB assessment**
- **PBT:** **Not applicable.**
- **vPvB:** **Not applicable.**
- **Other adverse effects** **No further relevant information available.**

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13 Disposal considerations

- | | |
|---|---|
| <ul style="list-style-type: none"> · Waste treatment methods · Recommendation · further Notes | <p>Disposal according to official regulations
Mix product residue with water, allow to harden, then dispose as Construction Waste.</p> |
| <ul style="list-style-type: none"> · Uncleaned packagings: · Recommendation: · Recommended cleaning agent: | <p>Disposal must be made according to official regulations.</p> <p>Water, if necessary with cleaning agent.</p> |

14 Transport information

- | | |
|---|---|
| <ul style="list-style-type: none"> · UN-Number · ADG, ADN, IMDG, IATA | <p>Void</p> |
| <ul style="list-style-type: none"> · UN proper shipping name · ADG, ADN, IMDG, IATA | <p>Void</p> |
| <ul style="list-style-type: none"> · Transport hazard class(es) · ADG, ADN, IMDG, IATA · Class | <p>Void</p> |
| <ul style="list-style-type: none"> · Packing group · ADG, IMDG, IATA | <p>Void</p> |
| <ul style="list-style-type: none"> · Environmental hazards: · Marine pollutant: | <p>No</p> |
| <ul style="list-style-type: none"> · Special precautions for user | <p>Not applicable.</p> |
| <ul style="list-style-type: none"> · Transport in bulk according to Annex II of Marpol and the IBC Code | <p>Not applicable.</p> |
| <ul style="list-style-type: none"> · Transport/Additional information: | <p>Not classified as dangerous in the meaning of transport regulations.</p> |
| <ul style="list-style-type: none"> · UN "Model Regulation": | <p>Void</p> |

15 Regulatory information

- Safety, health and environmental regulations/legislation specific for the substance or mixture

- | | |
|--|--------------------------|
| Australian Inventory of Industrial Chemicals | |
| CAS: 65997-15-1 | Portland Cement |
| CAS: 65997-16-2 | Calcium Aluminate Cement |
| CAS: 471-34-1 | calcium carbonate |

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CAS: 10034-76-1	Calcium sulfate hemihydrate
	PP FASER Multifil 2,2 dtex /2,2 mm
CAS: 144-55-8	sodium hydrogencarbonate
CAS: 6381-59-5	Potassium sodium tartrate
CAS: 497-19-8	sodium carbonate
CAS: 9004-58-4	ethyl hydroxyethyl cellulose
CAS: 10377-48-7	lithium sulfate
	Calciumhydroxid

· Standard for the Uniform Scheduling of Medicines and Poisons

None of the ingredients is listed.

· Australia: Priority Existing Chemicals

None of the ingredients is listed.

· GHS label elements

The product is classified and labelled according to the Globally Harmonised System (GHS).

· Hazard pictograms



GHS05 GHS07

· Signal word

Danger

· Hazard-determining components of labelling:

· Hazard statements

Portland Cement

Causes skin irritation.

Causes serious eye damage.

May cause respiratory irritation.

· Precautionary statements

Keep out of reach of children.

Avoid breathing dust/fume/gas/mist/vapours/spray.

Wash thoroughly after handling.

Use only outdoors or in a well-ventilated area.

Wear eye protection / face protection.

IF ON SKIN: Wash with plenty of water.

IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

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

Immediately call a POISON CENTER/doctor.

Specific treatment (see on this label).

Take off contaminated clothing and wash it before reuse.

If skin irritation occurs: Get medical advice/attention.

Store in a well-ventilated place. Keep container tightly closed.

Store locked up.

Dispose of contents/container in accordance with local/regional/national/international regulations.

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- Directive 2012/18/EU
- Named dangerous substances - ANNEX I
- National regulations
- Information about limitation of use:

None of the ingredients are included

Employment restrictions concerning young persons must be observed.

Employment restrictions concerning pregnant and lactating women must be observed.

- Chemical safety assessment: *A Chemical Safety Assessment has not been carried out.*

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.

- Relevant phrases
 - H315 Causes skin irritation.*
 - H318 Causes serious eye damage.*
 - H319 Causes serious eye irritation.*
 - H335 May cause respiratory irritation.*
- Department issuing data specification sheet:
- 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*
 - 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*
 - Serious eye damage/irritation – Category 2A: Serious eye damage/eye irritation – Category 2A*
 - 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.