

Safety Data Sheet

according to WHS Regulations

Printing date 13.07.2018

Version number 34

Revision: 11.07.2018

Hazardous according to criteria of Australian Safety and Compensation Council.

1 Identification

- **Product identifier**
- **Trade name** Servoplan S 444
- **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:**
 Polyflor Australia
 101 Prosperity Way,
 Dandenong South VIC 3175

 Orders & Enquiries T | 1800 777 425

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



Skin Irrit. 2 H315 Causes skin irritation.

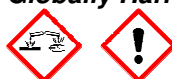
STOT SE 3 H335 May cause respiratory irritation.

- **Label elements**

- **GHS label elements**

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

- **Hazard pictograms**



GHS05 GHS07

- **Signal word**

Danger

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- **Hazard-determining components of labelling:** **Portland Cement**
- **Hazard statements:** **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 protective gloves / eye protection / face protection.
IF ON SKIN: Wash with plenty of water.
IF INHALED: Remove person to fresh air and keep 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.**

3 Composition and Information on Ingredients

- **Chemical characterisation: Mixtures**
- **Description:** **Mixtur of special cements and loading materials**

· **Dangerous components:**

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; Eye Irrit. 2A, H319	
CAS: 471-34-1	calcium carbonate	10-<25%

- **Additional information** **Have also a look to point 8 "Exposure controls and personalprotection"
For the wording of the listed hazard phrases refer to section 16.**

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4 First Aid Measures

· **Description of first aid measures**

· **General information**

*If you feel unwell, seek medical advice.
Immediately remove contaminated clothing.*

· **After inhalation**

*Do not breathe dust.
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.
The decision whether to provoke vomiting or not is to be taken by a physician.*

· **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

· **Extinguishing media**

· **Suitable extinguishing agents**

*The product itself does not burn.
Use fire fighting measures that suit the environment.*

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

Formation of toxic gases is possible during heating or in case of fire.

· **Advice for firefighters**

· **Protective equipment:**

*In case of fire wear self-contained breathing 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**

*Ensure adequate ventilation
Avoid causing dust.
Respirator must be worn if exposed to dust.
Wear protective clothing.*

· **Environmental precautions:**

No special measures required.

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- **Methods and material for containment and cleaning up:** *Where possible recycling is preferred to disposal or incineration.
Use neutralising agent.
Dispose of contaminated material as waste according to item 13.*
- **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.*
- **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:** *No incompatible products to be specially mentioned*
- **Further information about storage conditions:** *Keep away from food and drink.
Keep container tightly sealed.*
- **Specific end use(s)** *No further relevant information available.*

8 Exposure controls and personal protection

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

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

CAS: 65997-15-1 Portland Cement

WES Long-term value: 10 mg/m³

CAS: 471-34-1 calcium carbonate

WES Long-term value: 10 mg/m³

- **Additional information:** *** = respirable dust*

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- | | |
|---|---|
| <ul style="list-style-type: none"> · Exposure controls · Personal protective equipment · General protective and hygienic measures | <p>Do not eat or drink while working.
 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.</p> |
| <ul style="list-style-type: none"> · Breathing equipment: | <p>No personal respiratory protective equipment normally required.
 Breathing apparatus only if aerosol or dust is formed.
 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.</p> |
| <ul style="list-style-type: none"> · Protection of hands: | <p>Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
 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</p> |
| <ul style="list-style-type: none"> · Material of gloves | <p>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.
 Rubber gloves</p> |
| <ul style="list-style-type: none"> · Penetration time of glove material | <p>The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.</p> |
| <ul style="list-style-type: none"> · Eye protection: · Body protection: | <p>Tightly sealed safety glasses.
 long sleeved clothing</p> |

9 Physical and Chemical Properties

- | | |
|--|-----------------|
| · Information on basic physical and chemical properties | |
| · Appearance: | |
| Form: | Solid. |
| Colour: | Grey |
| · Smell: | Characteristic |
| · Odour threshold: | Not determined. |
| · pH-value at 20 °C: | 13 |
| · Change in condition | |
| Melting point/freezing point: | Not determined |

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Initial boiling point and boiling range: 2,200 °C not apply	
· Flash point:	Not applicable
· Inflammability (solid, gaseous)	Not determined.
· 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:	n. a. Vol %
Upper:	Not determined.
· Steam pressure:	Not applicable.
· Density at 20 °C	1.6 g/cm 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:	Not applicable.
· Solvent content:	
Solids content:	100.0 %
· Other information	The physical data are average values.

10 Stability and Reactivity

· Reactivity	No further relevant information available.
· Possibility of hazardous reactions	No dangerous reactions known
· Conditions to avoid	No further relevant information available.
· Incompatible materials:	No decomposition if stored and applied as directed.
· Hazardous decomposition products:	none under normal use

11 Toxicological Information

· Information on toxicological effects	
· Acute toxicity	
· Primary irritant effect:	
· Skin corrosion/irritation	Irritant for skin and mucous membranes.

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- **Serious eye damage/irritation** **Strong irritant with the danger of severe eye injury.**
- **Respiratory or skin sensitisation** **No sensitizing effect known.**
- **Experience with humans:** **If appropriately handled and if in accordance with the general hygienic rules, no damages to health have become known. May cause eye/skin irritation.**
- **Additional toxicological information:** **According to concentration, aqueous solution causes irritations or burns of eyes, skin and mucous membranes. The product shows the following dangers according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version: Irritant**

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.**

13 Disposal considerations

- **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.**

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· Recommended cleaning agent:

Water, if necessary with cleaning agent.

14 Transport information

· UN-Number	Void
· ADG, ADN, IMDG, IATA	Void
· UN proper shipping name	Void
· ADG, ADN, IMDG, IATA	Void
· Transport hazard class(es)	
· ADG, ADN, IMDG, IATA	
· Class	Void
· Packing group	
· ADG, IMDG, IATA	Void
· Environmental hazards:	
· Marine pollutant:	No
· Special precautions for user	Not applicable.
· 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

15 Regulatory information

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

· Australian Inventory of Chemical Substances

CAS: 65997-15-1	Portland Cement
CAS: 65997-16-2	Calcium Aluminate Cement
CAS: 471-34-1	calcium carbonate
CAS: 10034-76-1	Calcium sulfate hemihydrate
CAS: 144-55-8	sodium hydrogencarbonate
CAS: 6381-59-5	Potassium sodium tartrate
	Hydroxyethylcellulose
CAS: 497-19-8	sodium carbonate
CAS: 527-07-1	sodium gluconate
CAS: 10377-48-7	lithium sulfate

· Standard for the Uniform Scheduling of Medicines and Poisons

None of the ingredients is listed.

· GHS label elements

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

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· 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.
 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 protective gloves / eye protection / face protection.
 IF ON SKIN: Wash with plenty of water.
 IF INHALED: Remove person to fresh air and keep 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.

 · Directive 2012/18/EU
 · Named dangerous substances - ANNEX I
 · National regulations
 · Other regulations, limitations and prohibitive regulations

None of the ingredients is listed.

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

16 Other information

Chapters which have been revised from the previous issue are marked "***".
 Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.
 (n.a. - not applicable, n.d. - not determined)

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.

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- **Abbreviations and acronyms:**
 - H319 Causes serious eye irritation.**
 - H335 May cause respiratory irritation.**
 - 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
 - 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
 - Eye Irrit. 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.

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