

Safety Data Sheet

according to WHS Regulations

Printing date 13.07.2018

Version number 6

Revision: 13.07.2018

Hazardous according to criteria of Australian Safety and Compensation Council.

1 Identification

- **Product identifier**
- **Trade name** Okapol SH Komp. A
- **Relevant identified uses of the substance or mixture and uses advised against** none
- **Sector of Use** SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)
- **Product category** PC1 Adhesives, sealants
- **Application of the substance / the mixture** Reaction resin
- **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**



Skin Irrit. 2 H315 Causes skin irritation.

Eye Irrit. 2A H319 Causes serious eye irritation.

- **Label elements**

- **GHS label elements**

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

- **Hazard pictograms**



GHS07

- **Signal word**

Warning

- **Hazard statements**

Causes skin irritation.

Causes serious eye irritation.

- **Precautionary statements**

Keep out of reach of children.

Wash thoroughly after handling.

Wear protective gloves / eye protection / face protection.

(Contd. on page 2)

Safety Data Sheet

according to WHS Regulations

Printing date 13.07.2018

Version number 6

Revision: 13.07.2018

Trade name Okapol SH Komp. A

(Contd. of page 1)

IF ON SKIN: Wash with plenty of water.
IF IN EYES: Rinse cautiously with water for several minutes.
 Remove contact lenses, if present and easy to do. Continue rinsing.
 If eye irritation persists: Get medical advice/attention.
 Take off contaminated clothing and wash it before reuse.

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

3 Composition and Information on Ingredients

- Chemical characterisation: Mixtures

- Dangerous components:

CAS: 1344-09-8	Sodium silicate solution	50-100%
	⚠ Skin Irrit. 2, H315; Eye Irrit. 2A, H319	
CAS: 107-21-1	ethane-1,2-diol	<2.5%
	⚠ Acute Tox. 4, H302	

- Additional information For the wording of the listed hazard phrases refer to section 16.

4 First Aid Measures

- Description of first aid measures

- General information Immediately remove contaminated clothing.
- After inhalation 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. If symptoms persist, consult doctor.
- After swallowing In case of persistent symptoms consult doctor.
- 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 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.

(Contd. on page 3)

Safety Data Sheet

according to WHS Regulations

Printing date 13.07.2018

Version number 6

Revision: 13.07.2018

Trade name Okapol SH Komp. A

(Contd. of page 2)

- Advice for firefighters
- 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: **Wear protective clothing.**
- Environmental precautions: **No special measures required.**
- Methods and material for containment and cleaning up: **Take-up with liquid binding material (sand, diatomaceous earth, acid binding agent, universal binding agent).**
- 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: **Do not leave the container standing open.**
- 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: **No special requirements.**
- Information about storage in one common storage facility: **Not required.**
- Further information about storage conditions: **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: 107-21-1 ethane-1,2-diol

WES	Short-term value: 104** mg/m³, 40** ppm
	Long-term value: 10* 52** mg/m³, 20** ppm
	Sk;*particulate;**vapour

(Contd. on page 4)

Safety Data Sheet

according to WHS Regulations

Printing date 13.07.2018

Version number 6

Revision: 13.07.2018

Trade name Okapol SH Komp. A

(Contd. of page 3)

- | | |
|--|---|
| <ul style="list-style-type: none"> · Additional information: · Exposure controls · Personal protective equipment · General protective and hygienic measures · Breathing equipment: · Protection of hands: · Material of gloves · Penetration time of glove material · Eye protection: · Body protection: | <p><i>The lists that were valid during the compilation were used as basis.</i></p> <p><i>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 eyes and skin.</i></p> <p><i>Not required.</i></p> <p><i>Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.</i></p> <p><i>Protective gloves.</i></p> <p><i>The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.</i></p> <p><i>Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation</i></p> <p><i>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.</i></p> <p><i>The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.</i></p> <p><i>Safety glasses recommended during refilling.</i></p> <p><i>Protective work clothing.</i></p> |
|--|---|

9 Physical and Chemical Properties

- | | |
|--|------------------------------|
| · Information on basic physical and chemical properties | |
| · Appearance: | |
| Form: | Fluid |
| Colour: | Colourless |
| · Smell: | Characteristic |
| · Odour threshold: | Not determined. |
| · pH-value: | Not determined. |
| · Change in condition | |
| Melting point/freezing point: | Not determined |
| Initial boiling point and boiling range: | Not applicable |
| · Flash point: | Not applicable |
| · Inflammability (solid, gaseous) | Not applicable. |
| · Decomposition temperature: | Not determined. |
| · Self-inflammability: | Product is not selfigniting. |

(Contd. on page 5)

AU

Safety Data Sheet

according to WHS Regulations

Printing date 13.07.2018

Version number 6

Revision: 13.07.2018

Trade name Okapol SH Komp. A

(Contd. of page 4)

· Explosive properties:	Product is not explosive.
· Critical values for explosion:	
Lower:	Not determined.
Upper:	Not determined.
· Steam pressure:	Not determined.
· Density at 20 °C	1.48 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with Water:	less miscible
· Partition coefficient: n-octanol/water:	Not determined.
· Viscosity:	
dynamic:	Not determined.
kinematic:	Not determined.
· Other information	No further relevant information available.

10 Stability and Reactivity

· Reactivity	No further relevant information available.
· Possibility of hazardous reactions	Reacts with light alloys to form hydrogen Strong exothermic reaction with acids
· Conditions to avoid	No further relevant information available.
· Incompatible materials:	No further relevant information available.
· Hazardous decomposition products:	None known.

11 Toxicological Information

· Information on toxicological effects	
· Acute toxicity	
· Primary irritant effect:	
· Skin corrosion/irritation	Irritant for skin and mucous membranes.
· Serious eye damage/irritation	Irritant effect.
· Respiratory or skin sensitisation	No sensitizing effect known.
· Additional toxicological information:	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

AU

(Contd. on page 6)

Safety Data Sheet

according to WHS Regulations

Printing date 13.07.2018

Version number 6

Revision: 13.07.2018

Trade name Okapol SH Komp. A

(Contd. of page 5)

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

14 Transport information

- | | |
|---|---|
| · UN-Number | |
| · ADG, ADN, IMDG, IATA | <i>Void</i> |
| · UN proper shipping name | |
| · ADG, ADN, IMDG, IATA | <i>Void</i> |
| · Transport hazard class(es) | |
| · ADG, ADN, IMDG, IATA | |
| · Class | <i>Void</i> |
| · Packing group | |
| · ADG, IMDG, IATA | <i>Void</i> |
| · Environmental hazards: | <i>Not applicable.</i> |
| · Special precautions for user | <i>Not applicable.</i> |
| · Transport in bulk according to Annex II of Marpol and the IBC Code | <i>Not applicable.</i> |
| · Transport/Additional information: | <i>Not classified as dangerous in the meaning of transport regulations.</i> |

(Contd. on page 7)

Safety Data Sheet

according to WHS Regulations

Printing date 13.07.2018

Version number 6

Revision: 13.07.2018

Trade name Okapol SH Komp. A

(Contd. of page 6)

· UN "Model Regulation": Void

15 Regulatory information

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

· Australian Inventory of Chemical Substances

All ingredients are listed.

· Standard for the Uniform Scheduling of Medicines and Poisons

CAS: 107-21-1 ethane-1,2-diol

S5, S6, S10

· GHS label elements

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

· Hazard pictograms



GHS07

· Signal word

Warning

· Hazard statements

Causes skin irritation.

Causes serious eye irritation.

· Precautionary statements

Keep out of reach of children.

Wash thoroughly after handling.

Wear protective gloves / eye protection / face protection.

IF ON SKIN: Wash with plenty of water.

IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do. Continue rinsing.

If eye irritation persists: Get medical advice/attention.

Take off contaminated clothing and wash it before reuse.

· Directive 2012/18/EU

· Named dangerous substances - ANNEX I

None of the ingredients is listed.

· 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

H302 Harmful if swallowed.

H315 Causes skin irritation.

H319 Causes serious eye irritation.

· 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

EINECS: European Inventory of Existing Commercial Chemical Substances

(Contd. on page 8)

Safety Data Sheet
according to WHS Regulations

Printing date 13.07.2018

Version number 6

Revision: 13.07.2018

Trade name Okapol SH Komp. A

(Contd. of page 7)

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

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2A: Serious eye damage/eye irritation – Category 2A

- * 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.

AU