

Safety Data Sheet in accordance with HSNO

Printing date 16.01.2019

Version number 1

Revision: 16.01.2019

SECTION 1: Identification of the substance or mixture and of the supplier

- **1.1 Product identifier**
- **Trade name** Okamul PU Komp.A
- **1.2 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** **Adhesives
Polyurethane resin**
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:** **Polyflor New Zealand
2 Narek Place
Manukau 2104
New Zealand
Phone: 0800765935
sales@polyflor.co.nz**
- **Informing department:** **Laboratory, departments of environmental protection and labor protection**
- **1.4 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** **The product is not classified, according to the CLP regulation.**
- **Determined by Kiesel using GHS/HSNO Criteria** **Not considered a Hazardous Substance according to the criteria of the New Zealand Hazardous Substances New Organisms legislation.**
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008** **Void**
- **Hazard pictograms** **Void**
- **Signal word** **Void**
- **Hazard statements** **Void**
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** **Not applicable.**
- **vPvB:** **Not applicable.**

SECTION 3: Composition/Information on ingredients

- **3.2 Chemical characterisation: Mixtures**
- **Description:** **Mixture of the substances listed below with nonhazardous additions.**
- **Dangerous components:** **Void**

(Contd. on page 2)

Safety Data Sheet

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Version number 1

Revision: 16.01.2019

Trade name Okamul PU Komp.A

· Additional information

(Contd. of page 1)

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

No special measures required.

· After inhalation

Ensure adequate supply of fresh air and seek medical advice as a precaution.

· After skin contact

Instantly rinse with water.

· After eye contact

The product is not skin irritating.

· After swallowing

Rinse opened eye for several minutes under running water.

· 4.2 Most important symptoms and effects, both acute and delayed

In case of persistent symptoms consult doctor.

· 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.**No further relevant information available.**

SECTION 5: Fire fighting measures

· 5.1 Extinguishing media

· Suitable extinguishing agents **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.**No further relevant information available.**

· 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

Not required.

· 6.2 Environmental precautions:

No special measures required.

· 6.3 Methods and material for containment and cleaning up:

Take-up with liquid binding material (sand, diatomaceous earth, acid binding agent, universal binding agent).

· 6.4 Reference to other sections

No dangerous materials are released.**See Section 7 for information on safe handling****See Section 8 for information on personal protection equipment.****See Section 13 for information on disposal.**

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(Contd. on page 3)

Safety Data Sheet

in accordance with HSNO

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Version number 1

Revision: 16.01.2019

Trade name Okamul PU Komp.A

(Contd. of page 2)

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling** **No special measures required.**
- **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:** **Not required.**
- **Further information about storage conditions:** **None.**
- **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** **Take off soiled soaked clothing.**
- **Breathing equipment:** **Not required.**
- **Protection of hands:** **Recommended**
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
- **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:** **Safety glasses recommended during refilling.**

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **Appearance:**
- Form: **Fluid**
- Colour: **Light beige**
- **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: **351 °C**

(Contd. on page 4)

NZ

Safety Data Sheet

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Version number 1

Revision: 16.01.2019

Trade name Okamul PU Komp.A

(Contd. of page 3)

· Flash point:	> 100 °C
· Inflammability (solid, gaseous)	Not applicable.
· 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 determined.
· Density at 20 °C	1.75 g/cm³
· 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.
· 9.2 Other information	The physical data are average values.

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:	
· Skin corrosion/irritation	Based on available data, the classification criteria are not met.
· Serious eye damage/irritation	Based on available data, the classification criteria are not met.
· Respiratory or skin sensitisation	Based on available data, the classification criteria are not met.
· CMR effects (carcinogenicity, 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	Based on available data, the classification criteria are not met.
· 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.

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(Contd. on page 5)

Safety Data Sheet

in accordance with HSNO

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Version number 1

Revision: 16.01.2019

Trade name Okamul PU Komp.A

(Contd. of page 4)

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

SECTION 14: Transport information

- | | |
|---|---|
| <ul style="list-style-type: none"> · 14.1 UN-Number · ADR, ADN, IMDG, IATA | Void |
| <ul style="list-style-type: none"> · 14.2 UN proper shipping name · ADR, ADN, IMDG, IATA | Void |
| <ul style="list-style-type: none"> · 14.3 Transport hazard class(es) · ADR, ADN, IMDG, IATA · Class | Void |
| <ul style="list-style-type: none"> · 14.4 Packing group · ADR, IMDG, IATA | Void |
| <ul style="list-style-type: none"> · 14.5 Environmental hazards: · Marine pollutant: | No |
| <ul style="list-style-type: none"> · 14.6 Special precautions for user | Not applicable. |
| <ul style="list-style-type: none"> · 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code | Not applicable. |
| <ul style="list-style-type: none"> · Transport/Additional information: | Not classified as dangerous in the meaning of transport regulations. |
| <ul style="list-style-type: none"> · UN "Model Regulation": | Void |

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/**

(Contd. on page 6)

Safety Data Sheet

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Revision: 16.01.2019

Trade name Okamul PU Komp.A

(Contd. of page 5)

- legislation specific for the substance or mixture

This substance is to be managed using the conditions specified in an applicable Group Standard

**HSR Number
Not Applicable**

**Group Standard
Not Applicable**

- New Zealand Inventory of Chemicals

CAS: 1317-65-3	Calciumcarbonat
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- New Zealand HSNO Hazard Classes and Categories

None of the ingredients is listed.

- Directive 2012/18/EU
- Named dangerous substances - ANNEX I
- 15.2 Chemical safety assessment:

None of the ingredients is listed.

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

- * 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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