

## Safety Data Sheet

according to WHS Regulations

Printing date 11.07.2018

Version number 13

Revision: 11.07.2018

Hazardous according to criteria of Australian Safety and Compensation Council.

### 1 Identification


- **Product identifier**
- **Trade name** Okamul K 5 plus
- **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** Contact adhesive
- **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 Sens. 1 H317 May cause an allergic skin reaction.

- **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-determining components of labelling:** Resin acids and Rosin acids, sodium salts  
Resin acids and Rosin acids, potassium salts
- **Hazard statements** May cause an allergic skin reaction.
- **Precautionary statements** Avoid breathing dust/fume/gas/mist/vapours/spray.

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**Contaminated work clothing should not be allowed out of the workplace.**

**Wear protective gloves.**

**IF ON SKIN: Wash with plenty of water.**

**If skin irritation or rash occurs: Get medical advice/attention.**

**Take off contaminated clothing and wash it before reuse.**

**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

- Dangerous components:

CAS: 61790-51-0	Resin acids and Rosin acids, sodium salts	<2.5%
	⚠ Eye Irrit. 2A, H319; Skin Sens. 1, H317	
CAS: 61790-50-9	Resin acids and Rosin acids, potassium salts	<2.5%
	⚠ Eye Irrit. 2A, H319; Skin Sens. 1, H317	

- 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 Provide plenty of fresh air.  
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.
- 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.

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- **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**      *Not required.*
- **Environmental precautions:**      *Dilute with much water.*
- **Methods and material for containment and cleaning up:**      *Take-up with liquid binding material (sand, diatomaceous earth, acid binding agent, universal binding 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**      *Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.*
- **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 against frost.*
- **Information about storage in one common storage facility:**      *Store away from foodstuffs.*
- **Further information about storage conditions:**      *None.*
- **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.*

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- **Control parameters**
- **Components with critical values that require monitoring at the workplace:** *The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.*
- **Additional information:** *The lists that were valid during the compilation were used as basis.*
- **Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures** *Take off soiled soaked clothing.  
Instantly remove any soiled and impregnated garments.  
Wash hands during breaks and at the end of the work.*
- **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.*
- **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*
- **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.*

### 9 Physical and Chemical Properties

- **Information on basic physical and chemical properties**
- **Appearance:**
  - Form:** *Pasty*
  - Colour:** *White*
  - Smell:** *Nearly odourless*
  - Odour threshold:** *Not determined.*
- **pH-value at 20 °C:** *9.7*
- **Change in condition**
  - Melting point/freezing point:** *not used*
  - Initial boiling point and boiling range:** *100 °C*
- **Flash point:** *n.a.*
- **Inflammability (solid, gaseous)** *Not applicable.*
- **Decomposition temperature:** *Not determined.*
- **Self-inflammability:** *Product is not selfigniting.*
- **Explosive properties:** *Product is not explosive.*

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· <b>Critical values for explosion:</b>	
Lower:	Not determined.
Upper:	Not determined.
· <b>Steam pressure at 20 °C:</b>	23 hPa
· <b>Density at 20 °C</b>	1.09 g/cm <sup>3</sup>
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not determined.
· <b>Evaporation rate</b>	Not determined.
· <b>Solubility in / Miscibility with Water:</b>	Fully miscible
· <b>Partition coefficient: n-octanol/water:</b>	Not determined.
· <b>Viscosity:</b>	
dynamic at 20 °C:	65,000 mPas
kinematic:	Not determined.
· <b>Other information</b>	The physical data are average values.

### 10 Stability and Reactivity

· <b>Reactivity</b>	No further relevant information available.
· <b>Possibility of hazardous reactions</b>	No dangerous reactions known
· <b>Conditions to avoid</b>	No further relevant information available.
· <b>Incompatible materials:</b>	No further relevant information available.
· <b>Hazardous decomposition products:</b>	None known.

### 11 Toxicological Information

· <b>Information on toxicological effects</b>	
· <b>Acute toxicity</b>	
· <b>Primary irritant effect:</b>	
· <b>Skin corrosion/irritation</b>	No irritant effect.
· <b>Serious eye damage/irritation</b>	Irritation possible.
· <b>Respiratory or skin sensitisation</b>	Sensitization possible by skin contact.
· <b>Additional toxicological information:</b>	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

· <b>Toxicity</b>	
· <b>Aquatic toxicity:</b>	No further relevant information available.

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- **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:** Generally not hazardous for water.
- **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.
- **Recommended cleaning agent:** Water, if necessary with cleaning agent.

### 14 Transport information

- |   |  |
|---|--|
| · <b>UN-Number</b>  |  |
| · <b>ADG, ADN, IMDG, IATA</b>   | Void   |
| · <b>UN proper shipping name</b>  |  |
| · <b>ADG, ADN, IMDG, IATA</b>   | Void   |
| · <b>Transport hazard class(es)</b>   |  |
| · <b>ADG, ADN, IMDG, IATA</b>   |  |
| · <b>Class</b>  | Void   |
| · <b>Packing group</b>  |  |
| · <b>ADG, IMDG, IATA</b>  | Void   |
| · <b>Environmental hazards:</b>   |  |
| · <b>Marine pollutant:</b>  | No   |
| · <b>Special precautions for user</b>                                       | Not applicable.  |
| · <b>Transport in bulk according to Annex II of Marpol and the IBC Code</b> | Not applicable.  |
| · <b>Transport/Additional information:</b>                                  | Not classified as dangerous in the meaning of transport regulations. |
| · <b>UN "Model Regulation":</b>   | Void   |

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### 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

None of the ingredients is listed.

· GHS label elements

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

· Hazard pictograms



GHS07

· Signal word

Warning

· Hazard-determining components of labelling:

Resin acids and Rosin acids, sodium salts  
 Resin acids and Rosin acids, potassium salts  
 May cause an allergic skin reaction.

· Hazard statements

· Precautionary statements

Avoid breathing dust/fume/gas/mist/vapours/spray.  
 Contaminated work clothing should not be allowed out of the workplace.  
 Wear protective gloves.  
 IF ON SKIN: Wash with plenty of water.  
 If skin irritation or rash occurs: Get medical advice/attention.  
 Take off contaminated clothing and wash it before reuse.  
 Dispose of contents/container in accordance with local/regional/national/international regulations.

· Directive 2012/18/EU

· Named dangerous substances - ANNEX I

None of the ingredients is listed.

· National regulations

· Other regulations, limitations and prohibitive regulations -

· 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

H317 May cause an allergic skin reaction.  
 H319 Causes serious eye irritation.

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- **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  
**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  
**Eye Irrit. 2A:** Serious eye damage/eye irritation – Category 2A  
**Skin Sens. 1:** Skin sensitisation – Category 1

- \* 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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