

## Safety Data Sheet in accordance with HSNO

Printing date 16.01.2019

Version number 4

Revision: 16.01.2019

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

- **1.1 Product identifier**
- **Trade name** Okatmos star 100 Plus
- **1.2 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)  
PC1 Adhesives, sealants
- **Product category** PC1 Adhesives, sealants
- **Application of the substance / the mixture** Coat adhesive
- **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
- **Additional information:** EUH208 Contains 1,2-Benzisothiazol-3(2H)-on. May produce an allergic reaction.
- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

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## SECTION 3: Composition/Information on ingredients

- **3.2 Chemical characterisation: Mixtures**
- **Dangerous components:**            **Void**
- **Additional information**            **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.**  
**The product is not skin irritating.**
- **After eye contact**            **Rinse opened eye for several minutes under running water.**
- **After swallowing**            **In case of persistent symptoms consult doctor.**
- **4.2 Most important symptoms and effects, both acute and delayed**            **No further relevant information available.**
- **4.3 Indication of any immediate medical attention and special treatment needed**    **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:**            **Dilute with much water.**
- **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.**

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See Section 13 for information on disposal.

## 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 against frost.**
- **Information about storage in one common storage facility:** **Store away from foodstuffs.**
- **Further information about storage conditions:** **Store in a cool place.**
- **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**
- **Penetration time of glove material** **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**
- **Eye protection:** **The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed. Safety glasses recommended during refilling.**

## SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **Appearance:**
- Form:** **Pasty**
- Colour:** **Beige**
- **Smell:** **Recognisable**
- **Odour threshold:** **Not determined.**
- **pH-value at 20 °C:** **>9**
- **Change in condition**
- Melting point/freezing point:** **not used**

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<b>Initial boiling point and boiling range:</b> 100 °C	
· <b>Flash point:</b>	> 100 °C
· <b>Inflammability (solid, gaseous)</b>	Not applicable.
· <b>Decomposition temperature:</b>	Not determined.
· <b>Self-inflammability:</b>	Product is not selfigniting.
· <b>Explosive properties:</b>	Product is not explosive.
· <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>	1.3 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:	4,000 mPas
kinematic:	Not determined.
· <b>Solvent content:</b>	
Organic solvents:	0.5 %
· <b>9.2 Other information</b>	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.**

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· Aspiration hazard

**Based on available data, the classification criteria are not met.**

### 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.**

· Recommended cleaning agent:

**Water, if necessary with cleaning agent.**

### SECTION 14: Transport information

· 14.1 UN-Number

· ADR, ADN, IMDG, IATA

**Void**

· 14.2 UN proper shipping name

· ADR, ADN, IMDG, IATA

**Void**

· 14.3 Transport hazard class(es)

· ADR, ADN, IMDG, IATA

· Class

**Void**

· 14.4 Packing group

· ADR, IMDG, IATA

**Void**

· 14.5 Environmental hazards:

· Marine pollutant:

**No**

· 14.6 Special precautions for user

**Not applicable.**

· 14.7 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.**

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· UN "Model Regulation":	Void
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## SECTION 15: Regulatory information

· 15.1 Safety, health and environmental regulations/ 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: 8050-25-7	Triethylenglycol-Rosin-Ester
CAS: 91081-53-7	modified balsamic resin
	2-Amino-2-methyl-1-propanol
CAS: 94-28-0	2,2-Ethylendioxydiethyl bis(2-ethylhexanoat)
CAS: 150-76-5	hydroquinone monomethyl ether
CAS: 2682-20-4	2-methyl-2H-isothiazol-3-one
CAS: 2634-33-5	1,2-Benzisothiazol-3(2H)-on
CAS: 7732-18-5	water, distilled, conductivity or of similar purity

· New Zealand HSNO Hazard Classes and Categories

None of the ingredients is listed.

· Directive 2012/18/EU

· Named dangerous substances - ANNEX I

None of the ingredients is listed.

· 15.2 Chemical safety assessment:

A Chemical Safety Assessment has not been carried out.

## SECTION 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.

- **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.

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· **Comment**

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***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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