



**Safety Data Sheet
according to WHS Regulations**

Printing date 22.11.2022

Version number 5

Revision: 22.11.2022

Not classified as hazardous according to criteria of Australian Safety and Compensation Council.

1 Identification

· **Product identifier**

· **Trade name: Memosil 2 Cat**

· **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.

· **Application of the substance / the mixture** Dental impression material

· **Details of the supplier of the safety data sheet**

· **Manufacturer/Supplier:**
Kulzer Australia Pty Ltd
Unit 20, 53 Lorraine St
PEAKHURST NSW 2210
Australia

Tel: +61 (02) 9153 0311

· **Informing department:** see above

· **Emergency telephone number:**

Poison Information Number: Australia 13 11 26 & New Zealand 0800 764 766

2 Hazard(s) Identification

· **Classification of the substance or mixture**

The product is not classified, according to the Globally Harmonised System (GHS).

· **Label elements**

· **GHS label elements** Void

· **Hazard pictograms** Void

· **Signal word** Void

· **Hazard statements** Void

· **Precautionary statements**

Avoid release to the environment.

· **Other hazards -**

· **Results of PBT and vPvB assessment**

· **PBT:**

540-97-6 Dodecamethylcyclohexasiloxane

· **vPvB:**

540-97-6 Dodecamethylcyclohexasiloxane

3 Composition and Information on Ingredients

· **Chemical characterisation: Mixtures**

· **Description:** -

· **Dangerous components:**

556-67-2 octamethylcyclotetrasiloxane

Flam. Liq. 3, H226
Repr. 2, H361
PBT; vPvB

≥0-<3%

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

4 First Aid Measures

· **Description of first aid measures**

· **After inhalation** Supply fresh air; consult doctor in case of symptoms.

· **After skin contact** If skin irritation continues, consult a doctor.

(Contd. on page 2)



**Safety Data Sheet
according to WHS Regulations**

Printing date 22.11.2022

Version number 5

Revision: 22.11.2022

Trade name: Memosil 2 Cat

(Contd. of page 1)

- **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.
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**
*CO2, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.
Use fire fighting measures that suit the environment.*
- **Special hazards arising from the substance or mixture** *No further relevant information available.*
- **Advice for firefighters**
 - **Protective equipment:** *No special measures required.*
- **Additional information** -

6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures**
Avoid contact with eyes and skin.
- **Environmental precautions:** *Prevent material from reaching sewage system, holes and cellars.*
- **Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (diatomite, universal binders, for small amounts tissues).
- **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**
*Store in cool, dry place in tightly closed containers.
No special precautions necessary if used correctly.*
 - **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:** *None.*
- **Specific end use(s)** *No further relevant information available.*

AU

(Contd. on page 3)



**Safety Data Sheet
according to WHS Regulations**

Printing date 22.11.2022

Version number 5

Revision: 22.11.2022

Trade name: **Memosil 2 Cat**

(Contd. of page 2)

8 Exposure controls and personal protection

- **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.
Not required.
 - **Additional information:** The lists that were valid during the compilation were used as basis.
- **Exposure controls**
 - **Personal protective equipment**
 - **General protective and hygienic measures**
Wash hands during breaks and at the end of the work.
 - **Breathing equipment:** Not necessary if room is well-ventilated.
 - **Protection of hands:**
Check protective gloves prior to each use for their proper condition.
recommended
 - **Material of gloves**
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.
 - **Penetration time of glove material**
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
 - **For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:**
Butyl rubber, BR
Nitrile rubber, NBR
 - **Eye protection:** Safety glasses
 - **Body protection:** Light weight protective clothing

9 Physical and Chemical Properties

- **Information on basic physical and chemical properties**
 - **General Information**
 - **Appearance:**
 - **Form:** Pasty
 - **Colour:** Colourless
 - **Smell:** Odourless
 - **Odour threshold:** Not determined.
 - **pH-value:** Not determined.
 - **Change in condition**
 - **Melting point/freezing point:** Not determined
 - **Initial boiling point and boiling range:** Not determined
 - **Flash point:** >130 °C
 - **Inflammability (solid, gaseous)** Not applicable.
 - **Decomposition temperature:** Not determined.
 - **Self-inflammability:** Product is not selfigniting.

(Contd. on page 4)

AU



Safety Data Sheet
according to WHS Regulations

Printing date 22.11.2022

Version number 5

Revision: 22.11.2022

Trade name: **Memosil 2 Cat**

(Contd. of page 3)

· Explosive properties:	Product is not explosive. Not determined.
· Critical values for explosion:	
· Lower:	Not determined.
· Upper:	Not determined.
· Steam pressure:	Not determined.
· Density at 20 °C	1.1 g/cm ³
· Relative density	Not determined.
· Vapour density	Not determined.
· Evaporation rate	Not determined.
· Solubility in / Miscibility with	
· Water:	Not miscible or difficult to mix
· 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.
- **Chemical stability**
 - **Conditions to be avoided:** No decomposition if used and stored according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** None
- **Additional information:** -

11 Toxicological Information

- **Information on toxicological effects**
 - **Acute toxicity**

· **LD/LC50 values that are relevant for classification:**

556-67-2 octamethylcyclotetrasiloxane

Oral	LD50	1,700 mg/kg (mouse) 4,800 mg/kg (rat)
Dermal	LD50	>2,400 mg/kg (rat)
Inhalative	LC50/4 h	36 mg/l (rat)

- **Primary irritant effect:**
 - **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** No sensitizing effect known.

(Contd. on page 5)

AU



**Safety Data Sheet
according to WHS Regulations**

Printing date 22.11.2022

Version number 5

Revision: 22.11.2022

Trade name: **Memosil 2 Cat**

(Contd. of page 4)

- **Additional toxicological information:**
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Reproductive toxicity** Based on available data, the classification criteria are not met.

12 Ecological Information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.

- **Persistence and degradability**

556-67-2 octamethylcyclotetrasiloxane

Biodegradation 3.7 % (not defined)

- **Behaviour in environmental systems:**

- **Bioaccumulative potential**

556-67-2 octamethylcyclotetrasiloxane

Bioconcentration factor (BCF) 12.4 (fish)

- **Mobility in soil** No further relevant information available.

- **Additional ecological information:**

- **General notes:**

Do not allow product to reach ground water, water bodies or sewage system.

Danger to drinking water if even small quantities leak into soil.

- **Results of PBT and vPvB assessment**

- **PBT:**

540-97-6 Dodecamethylcyclohexasiloxane

- **vPvB:**

540-97-6 Dodecamethylcyclohexasiloxane

- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**

- **Recommendation**

Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Disposal must be made according to official regulations.

- **Uncleaned packagings:**

- **Recommendation:**

Disposal must be made according to official regulations.

Non contaminated packagings can be used for recycling.

14 Transport information

- **UN-Number**

- **ADG, IMDG, IATA**

Void

- **UN proper shipping name**

- **ADG, IMDG, IATA**

Void

(Contd. on page 6)



**Safety Data Sheet
according to WHS Regulations**

Printing date 22.11.2022

Version number 5

Revision: 22.11.2022

Trade name: Memosil 2 Cat

(Contd. of page 5)

· Transport hazard class(es) · ADG, ADN, IMDG, IATA · Class	Void
· Packing group · ADG, IMDG, IATA	Void
· Environmental hazards:	Not applicable.
· Special precautions for user	Not applicable.
· Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· Transport/Additional information:	-
· UN "Model Regulation":	Void

15 Regulatory information

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

· **Australian Inventory of Industrial Chemicals**

556-67-2	octamethylcyclotetrasiloxane
93685-79-1	Isoparaffingemisch
68478-92-2	Platinum divinyltetramethyldisiloxane complex
67-63-0	propan-2-ol
540-97-6	Dodecamethylcyclohexasiloxane

· **Australia: Priority Existing Chemicals**

None of the ingredients is listed.

· **Directive 2012/18/EU**

· **Named dangerous substances - ANNEX I** None of the ingredients is listed.

· **National regulations**

The product is subject to classification in accordance with the prevailing version of the regulations on hazardous materials.

· **Other regulations, limitations and prohibitive regulations**

· **Substances of very high concern (SVHC) according to REACH, Article 57**

556-67-2	octamethylcyclotetrasiloxane
----------	------------------------------

· **AICS - Australian Inventory of Chemical Substances**

556-67-2	octamethylcyclotetrasiloxane
93685-79-1	Isoparaffingemisch
68478-92-2	Platinum divinyltetramethyldisiloxane complex
67-63-0	propan-2-ol
61969-44-6	C. I. Solvent Blue 97
540-97-6	Dodecamethylcyclohexasiloxane

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

AU

(Contd. on page 7)



**Safety Data Sheet
according to WHS Regulations**

Printing date 22.11.2022

Version number 5

Revision: 22.11.2022

Trade name: Memosil 2 Cat

(Contd. of page 6)

16 Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

H226 Flammable liquid and vapour.

H361 Suspected of damaging fertility or the unborn child.

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international 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)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 3: Flammable liquids – Category 3

Repr. 2: Reproductive toxicity – Category 2

· *** Data compared to the previous version altered.**

AU