

## Safety Data Sheet

### MAPESIL AC

Safety Data Sheet dated: 3/5/2017 - version 1

Date of first edition: 3/5/2017



## 1. Identification

### GHS Product identifier

Mixture identification:

Trade name: MAPESIL AC

Trade code: 4810025

### Recommended use of the chemical and restrictions on use

Recommended use: Siliconic sealant

Uses advised against: Data not available.

### Supplier's details

Company: MAPEI AUSTRALIA Pty Ltd

180 Viking Drive Wacol QLD 4076 Australia

T. +61 7 32765000 (Mon-Fri 8am to 5pm)

F. +61 7 32765076

### Emergency phone number

Australian Poisons Information Centre hotline 24 Hour Service 13 11 26

Police of Fire Brigade 000

## 2. Hazard identification

### Classification of the Hazardous chemical

0 The product is not classified as hazardous according to Australia WHS regulation.

Adverse physicochemical, human health and environmental effects:

No other hazards

### GHS label elements, including precautionary statements

The product is not classified as hazardous according to Australia WHS regulation.

### Other hazards which do not result in a classification

Other Hazards: No other hazards

## 3. Composition/information on ingredients

### Substances

no data available

### Mixtures

Mixture identification: MAPESIL AC

Hazardous components within the meaning of the "Australian Work Health and Safety (WHS)" regulation and related classification:

None

## 4. First-aid measures

### Description of necessary first-aid measures

In case of skin contact:

Wash with plenty of water and soap.

In case of eyes contact:

Wash immediately with water.

In case of Ingestion:

Do not induce vomiting, get medical attention showing the SDS and the hazard label.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

### Symptoms caused by exposure

no data available

### Medical attention and special treatment

no data available

## 5. Fire-fighting measures

### Suitable extinguishing media

None in particular.

Water.

Carbon dioxide (CO<sub>2</sub>).

### **Specific hazards arising from the chemical**

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

Hazardous combustion products: no data available

Explosive properties: no data available

Oxidizing properties: no data available

### **Special protective equipment and precautions for fire-fighters**

Use suitable breathing apparatus.

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Move undamaged containers from immediate hazard area if it can be done safely.

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## **6. Accidental release measures**

### **Personal precautions, protective equipment and emergency procedures**

Wear personal protection equipment.

Remove persons to safety.

See protective measures under point 7 and 8.

### **Environmental precautions**

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.

Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

Suitable material for taking up: absorbing material, organic, sand

### **Methods and materials for containment and cleaning up**

Suitable material for taking up: absorbing material, organic, sand

Wash with plenty of water.

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## **7. Handling and storage**

### **Precautions for safe handling**

Avoid contact with skin and eyes, inhalation of vapours and mists.

Do not eat or drink while working.

See also section 8 for recommended protective equipment.

### **Conditions for safe storage, including any incompatibilities**

Incompatible materials:

None in particular.

Instructions as regards storage premises:

Adequately ventilated premises.

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## **8. Exposure controls/personal protection**

### **Control parameters – exposure standards, biological monitoring**

No Data Available

### **Appropriate engineering controls**

no data available

### **Individual protection measures, such as personal protective equipment (PPE)**

Eye protection:

Not needed for normal use. Anyway, operate according good working practices.

Protection for skin:

No special precaution must be adopted for normal use.

Protection for hands:

Not needed for normal use.

Respiratory protection:

no data available

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## **9. Physical and chemical properties**

Color: various

Appearance: Paste

Odour: characteristic

Odour threshold: no data available

pH: no data available

Melting point / freezing point: no data available

Initial boiling point and boiling range: no data available

Flash point: no data available

Evaporation rate: no data available  
Flammability (Solid, Gas): no data available  
Upper/lower flammability or explosive limits: no data available  
Vapour pressure: no data available  
Vapour density: no data available  
Relative density: no data available  
Solubility in water: Insoluble  
Solubility in oil: Soluble  
Partition coefficient (n-octanol/water): 800,000.00  
Auto-ignition temperature: no data available  
Decomposition temperature: no data available  
Viscosity: no data available  
Specific heat value: no data available  
Saturated vapour concentration: no data available  
Release of invisible flammable vapours and gases: no data available  
Particle size: no data available  
Size distribution: no data available  
Shape and aspect ratio: no data available  
Crystallinity: no data available  
Dustiness: no data available  
Surface area: no data available  
Degree of aggregation or agglomeration, and dispersibility: no data available  
Biodurability or biopersistence: no data available  
Surface coating or chemistry: no data available  
VOC (Volatile Organic Compound) : 25.8 (Rule 1168) g/L

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## 10. Stability and reactivity

### Reactivity

Stable under normal conditions

### Chemical stability

no data available

### Possibility of hazardous reactions

None.

### Conditions to avoid

Stable under normal conditions.

### Incompatible materials

None in particular.

### Hazardous decomposition products

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## SECTION 11: Toxicological information

### Information on toxicological effects

#### Toxicological information of the mixture:

MAPESIL AC                      a) acute toxicity                      LD50 Skin Rat > 2009 mg/kg

If not differently specified, the information required in the regulation and listed below must be considered as N.A.

- a) acute toxicity
  - b) skin corrosion/irritation
  - c) serious eye damage/irritation
  - d) respiratory or skin sensitisation
  - e) germ cell mutagenicity
  - f) carcinogenicity
  - g) reproductive toxicity
  - h) STOT-single exposure
  - i) STOT-repeated exposure
  - j) aspiration hazard
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## 12. Ecological information

### Ecotoxicity

Adopt good working practices, so that the product is not released into the environment.

Eco-Toxicological Information:

**List of Eco-Toxicological properties of the product**

No Data Available

**Persistence and degradability**

no data available

**Bioaccumulative potential**

no data available

**Mobility in soil**

no data available

**Other adverse effects**

no data available

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**13. Disposal considerations**

**Disposal methods**

Recover if possible. In so doing, comply with the local and national regulations currently in force.

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**14. Transport information**

Not classified as dangerous in the meaning of transport regulations.

**UN Number**

no data available

**UN Proper Shipping Name**

no data available

**Transport hazard class(es)**

no data available

**Packing group, if applicable**

no data available

**Environmental hazards**

no data available

**Special precautions for user**

no data available

**Additional Information**

no data available

**HazChem Code/Emergency Action code**

no data available

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**15. Regulatory information**

**Safety, health and environmental regulations specific for the product in question**

This Safety Data Sheet has been prepared according to the Australian Work Health and Safety (WHS) act and the Code of Practice on preparation of safety data sheets for Hazardous Chemicals.

AICS: all components are listed

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**16. Other information**

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This SDS cancels and replaces any preceding release.

Legend to abbreviations and acronyms used in the safety data sheet:

ACGIH: American Conference of Governmental Industrial Hygienists

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

AND: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

ATE: Acute Toxicity Estimate

BCF: Biological Concentration Factor

BEI: Biological Exposure Index

BOD: Biochemical Oxygen Demand

CAS: Chemical Abstracts Service (division of the American Chemical Society).

CAV: Poison Center  
CE: European Community  
CLP: Classification, Labeling, Packaging.  
CMR: Carcinogenic, Mutagenic and Reprotoxic  
COD: Chemical Oxygen Demand  
COV: Volatile Organic Compound  
CSA: Chemical Safety Assessment  
CSR: Chemical Safety Report  
DMEL: Derived Minimal Effect Level  
DNEL: Derived No Effect Level.  
DPD: Dangerous Preparations Directive  
DSD: Dangerous Substances Directive  
EC50: Half Maximal Effective Concentration  
ECHA: European Chemicals Agency  
EINECS: European Inventory of Existing Commercial Chemical Substances.  
ES: Exposure Scenario  
GefStoffVO: Ordinance on Hazardous Substances, Germany.  
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.  
IARC: International Agency for Research on Cancer  
IATA: International Air Transport Association.  
IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).  
IC50: half maximal inhibitory concentration  
ICAO: International Civil Aviation Organization.  
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).  
IMDG: International Maritime Code for Dangerous Goods.  
INCI: International Nomenclature of Cosmetic Ingredients.  
IRCCS: Scientific Institute for Research, Hospitalization and Health Care  
KSt: Explosion coefficient.  
LC50: Lethal concentration, for 50 percent of test population.  
LD50: Lethal dose, for 50 percent of test population.  
LDLo: Leathal Dose Low  
N.A.: Not Applicable  
N/A: Not Applicable  
N/D: Not defined/ Not available  
NA: Not available  
NIOSH: National Institute for Occupational Safety and Health  
NOAEL: No Observed Adverse Effect Level  
OSHA: Occupational Safety and Health Administration.  
PBT: Persistent, Bioaccumulative and Toxic  
PGK: Packaging Instruction  
PNEC: Predicted No Effect Concentration.  
PSG: Passengers  
RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.  
STEL: Short Term Exposure limit.  
STOT: Specific Target Organ Toxicity.  
TLV: Threshold Limiting Value.  
TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).  
vPvB: Very Persistent, Very Bioaccumulative.  
WGK: German Water Hazard Class.