

## Safety Data Sheet

### MAPESIL LM

Safety Data Sheet dated: 5/3/2019 - version 1



## Section 1. Identification of the substance and supplier

### Product identifier

Mixture identification:

Trade name: MAPESIL LM

Trade code: 580025

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

Recommended use: Siliconic sealant

Uses advised against: Data not available

### Supplier's details

Company: MBP (NZ) Ltd. - 88 Carbine Road, Mount Wellington, Auckland 1060, New Zealand Email: enquiries@MBPLtd.co.nz

Website: www.MBPLtd.co.nz - Phone: +64 9 921 1994 (Mon-Fri 9am-5pm) - Fax: +64 9 921 1993

Emergency phone number

New Zealand Poisons Centre: Ph: 0800 764 766

## Section 2. Hazards identification

### HSNO hazard classification

Classified as hazardous according to criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2017.

### HSNO classification:

6.3B H316 - Causes mild skin irritation.

6.5B H317 - May cause an allergic skin reaction.

### Hazard information

#### Pictograms and Signal Words



Warning

### Hazard statements:

H316 Causes mild skin irritation.

H317 May cause an allergic skin reaction.

### Precautionary statements:

P261 Avoid breathing mist/vapours/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P321 Specific treatment (see supplementary instructions on this label).

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P362 Take off contaminated clothing and wash before reuse.

P501 Dispose of contents/container in accordance with applicable regulations.

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

No other hazards

## Section 3. Composition/information on ingredients

### Substances

N.A.

### Mixtures

Mixture identification: MAPESIL LM

### Hazardous components within the meaning of HSNO Act and related classification

Quantity	Name	Ident. Numb.	Classification
≥0.1 - <0.25 %	3-aminopropyltriethoxysilane	CAS:919-30-2 EC:213-048-4	8.3A, H318; 6.5B, H317; 8.2B, H314; 6.1D (oral), H302

## Section 4. First aid measures

### **Description of necessary first aid measures**

In case of skin contact:

- Immediately take off all contaminated clothing.
- Remove contaminated clothing immediately and dispose of safely.

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.

### **Indication of immediate medical attention and special treatment needed, if necessary**

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

### **Most important symptoms/effects, acute and delayed**

N.A.

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## **Section 5. Fire-fighting measures**

### **Extinguishing media**

Suitable extinguishing media:

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

Unsuitable extinguishing media:

- None in particular.

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

- Do not inhale explosion and combustion gases.
- Burning produces heavy smoke.
- Hazardous combustion products: N.A.
- Explosive properties: ==
- Oxidizing properties: N.A.

### **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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## **Section 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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## **Section 7. Handling and storage**

### **Precautions for safe handling**

- Avoid contact with skin and eyes, inhalation of vapours and mists.
- Don't use empty container before they have been cleaned.
- Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.
- Contaminated clothing should be changed before entering eating areas.
- 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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## Section 8. Exposure controls/personal protection

### Workplace Exposure Standards

No Data Available

### Engineering Controls

N.A.

### Personal Protective Equipment (PPE)

Eye protection:

Use close fitting safety goggles, don't use eye lens.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:

N.A.

Thermal Hazards:

N.A.

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## Section 9. Physical and chemical properties

Physical state: Liquid

Appearance and colour: paste various

Odour: characteristic

Odour threshold: N.A.

pH: N.A.

Melting point / freezing point: N.A.

Initial boiling point and boiling range: N.A.

Flash point: N.A.

Flammability (Solid, Gas): N.A.

Upper/lower flammability or explosive limits: N.A.

Vapour pressure: N.A.

Vapour density: >1

Relative density: 1.02 g/cm<sup>3</sup>

Solubility in water: Insoluble

Solubility in oil: Insoluble

Partition coefficient (n-octanol/water): N.A.

Auto-ignition temperature: N.A.

Decomposition temperature: N.A.

Kinematic viscosity: N.A.

Particle characteristics: No Data Available

Viscosity: 800,000.00 cPs

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## Section 10. Stability and reactivity

### Reactivity

Stable under normal conditions

### Chemical stability

Data not available.

### Possibility of hazardous reactions

None.

### Conditions to avoid

Stable under normal conditions.

### Incompatible materials

None in particular.

### Hazardous decomposition products

None.

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## Section 11. Toxicological information

### Information on toxicological effects

#### Toxicological information of the mixture:

MAPESIL LM                      a) acute toxicity                      LD50 Oral Rat > 2000 mg/kg

**Toxicological information on main components of the mixture:**

3-aminopropyltriethoxysilane a) acute toxicity LD50 Oral Rat = 1780 mg/kg

LD50 Skin Rabbit = 4000 mg/kg

LD50 Skin Rabbit = 4290 mg/kg

LC50 Inhalation Rat > 7,35 mg/l 4h

LD50 Oral Rat = 1780 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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**Section 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**

N.A.

**Bioaccumulative potential**

N.A.

**Mobility in soil**

N.A.

**Other adverse effects**

N.A.

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**Section 13. Disposal considerations**

**Disposal methods**

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

**Special precautions to be taken during disposal**

No Data Available

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**Section 14. Transport information**

Not classified as dangerous in the meaning of transport regulations.

**UN number**

N.A.

**UN proper shipping name**

N.A.

**Transport hazard class(es)**

N.A.

**Packing group, if applicable**

N.A.

**Environmental hazards**

N.A.

No

**Special precautions for user**

NZS-Subsidiary risks: N.A.

NZS-Special Dispositions: N.A.

Road and Rail (ADR-RID):

N.A.

Air (IATA):

N.A.

Sea (IMDG):

N.A.

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**Section 15. Regulatory information**

**HSNO Approval**

HSNO approval number and group standard title:

HSR002544 - Construction Products (Subsidiary Hazard) Group Standard 2006

**HSNO Controls**

**Certified Handler**

No Data Available

**New Zealand Inventory of Chemicals (NZIoC)**

All components are listed on the NZIoC Inventory.

**Regulatory references**

Preparation of Safety Data Sheets - Approved Code of Practice Under the HSNO Act 1996 (HSNO CoP 8-1 09-06).

Hazardous Substances (Classification) Regulations 2001.

Labelling of Hazardous Substances: Hazard and Precautionary Information (January 2012 EPA0094).

Assigning a Product to a HSNO Approval (May 2013/Revised June 2014).

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**Section 16. Other information**

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<b>Code</b>	<b>Description</b>
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H316	Causes mild skin irritation.
H317	May cause an allergic skin reaction.
H318	Causes serious eye damage.

**Description of the HSNO Classification codes used in section 2 or 3:**

<b>Code</b>	<b>Description</b>
6.1D (oral)	Substances that are acutely toxic - Harmful (oral).
6.3B	Substances that are mildly irritating to the skin.
6.5B	Substances that are contact sensitisers.
8.2B	Substances that are corrosive to dermal tissue UN PGII.
8.3A	Substances that are corrosive to ocular tissue.

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:

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

RID: Regulation Concerning the International Transport of Dangerous Goods by Rail.

IMDG: International Maritime Code for Dangerous Goods.

IATA: International Air Transport Association.

IATA-DGR: Dangerous Goods Regulation by the "International Air Transport Association" (IATA).

ICAO: International Civil Aviation Organization.

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO).  
GHS: Globally Harmonized System of Classification and Labeling of Chemicals.  
CLP: Classification, Labeling, Packaging.  
EINECS: European Inventory of Existing Commercial Chemical Substances.  
INCI: International Nomenclature of Cosmetic Ingredients.  
CAS: Chemical Abstracts Service (division of the American Chemical Society).  
GefStoffVO: Ordinance on Hazardous Substances, Germany.  
LC50: Lethal concentration, for 50 percent of test population.  
LD50: Lethal dose, for 50 percent of test population.  
DNEL: Derived No Effect Level.  
PNEC: Predicted No Effect Concentration.  
TLV: Threshold Limiting Value.  
TWATLV: Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).  
STEL: Short Term Exposure limit.  
STOT: Specific Target Organ Toxicity.  
WGK: German Water Hazard Class.  
KSt: Explosion coefficient.  
HSNO: Hazardous Substances and New Organisms Act 1996.