



Trade name: MP 1 L

Version: 5 / GB

Date revised: 13.07.2020

Substance number: 3514005700018

Replaces Version: 4 / GB

Print date: 13.07.20

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

MP 1 L

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/preparation

Screen and pad printing auxiliary

1.3. Details of the supplier of the safety data sheet

Address/Manufacturer

Marabu GmbH & Co. KG
Asperger Strasse 4
71732 Tamm
Germany
Telephone no. +49-7141/691-0
Fax no. +49-7141/691-147
Information provided by / telephone Department product safety
E-mail address of person responsible PRSI@marabu.com
for this SDS

1.4. Emergency telephone number

(+49) (0)621-60-43333

SECTION 2: Hazards identification ***

2.1. Classification of the substance or mixture

This product is not classified hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

The product does not require a hazard warning label in accordance with Regulation (EC) No 1272/2008.

SECTION 3: Composition/information on ingredients

Chemical characterization

Synthetic amorphous silicic acid, organic treated

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation

Ensure supply of fresh air.

After skin contact

Wash with plenty of water and soap.

After eye contact

Rinse immediately with plenty of water. If irritation persists, seek medical aid.

After ingestion

Rinse out mouth and give plenty of water to drink. If larger amounts are swallowed or in the event of



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symptoms take medical treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

All extinguishing media are suitable.

5.3. Advice for firefighters

Other information

Fire-fighting water must not be discharged into drains, soil or waters. Arrange sufficient capacity for retaining fire-fighting water. Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protective equipment.

6.2. Environmental precautions

Do not discharge into the subsoil/soil. Do not discharge into the drains/surface waters/groundwater.

6.3. Methods and material for containment and cleaning up

Take off spilled material by sweeping or vacuum cleaning and send for disposal in suitable containers.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Dust collection device if necessary.

Advice on protection against fire and explosion

Take action to prevent static discharges.

Classification of fires / temperature class / Ignition group / Dust explosion class

Classification of fires	A (Flammable solids)
Temperature class	T2

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store in a dry place.

7.3. Specific end use(s)

Screen and pad printing auxiliary

SECTION 8: Exposure controls/personal protection

8.2. Exposure controls

General protective and hygiene measures

Do not eat, drink or smoke during work time. Wash hands and / or face before breaks and after work. To guarantee optimal skin protection use of skin creme is recommended. Wash soiled clothing before re-use. Observe the usual precautions for handling chemicals.

Respiratory protection

In case of dust development: Dust mask; Particle filter P2

Hand protection

Appropriate Material	rubber
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Appropriate Material plastic

Information on material thickness and breakthrough time is not relevant in case of solids.

Eye protection

Safety goggles

Body protection

Clothing as usual in the chemical industry.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Form	Powder		
Colour	white		
Odour	odourless		
pH value			
Value	appr. 6		
Concentration/H ₂ O	50	g/l	
Temperature	20	°C	
Remarks	Suspension in water		
Melting point			
Value	appr. 1700		°C
Method	Value taken from the literature		
Initial boiling point and boiling range			
Remarks	Not applicable		
Flash point			
Remarks	Not applicable		
Flammability (solid, gas)			
	not determined		
Upper/lower flammability or explosive limits			
Remarks	not determined		
Vapour pressure			
Remarks	Not applicable		
Density			
Value	0,13		g/cm ³
Temperature	20	°C	
Method	DIN EN ISO 2811		
Solubility in water			
Remarks	Difficult to dissolve		
Ignition temperature			
Value	> 370		°C
Decomposition temperature			
Value	> 230		°C
Viscosity			
Remarks	Not applicable		

9.2. Other information**Bulk density**

Value	0,13		g/cm ³
Temperature	20	°C	
Method	Value taken from the literature		



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SECTION 10: Stability and reactivity

10.1. Reactivity

None

10.2. Chemical stability

Stable under recommended storage and handling conditions (see section 7).

10.3. Possibility of hazardous reactions

Stable under recommended storage and handling conditions (see section 7).

10.4. Conditions to avoid

Heat

10.5. Incompatible materials

None known

10.6. Hazardous decomposition products

Decomposition products derived if heated above decomposition temperature: Carbon monoxide, carbon dioxide, organic decomposition products.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute oral toxicity

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

Acute dermal toxicity

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

Acute inhalational toxicity

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

Skin corrosion/irritation

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

Serious eye damage/irritation

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

Sensitization

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

Mutagenicity

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

Reproductive toxicity

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

Carcinogenicity

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

Specific Target Organ Toxicity (STOT)

Single exposure

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

Repeated exposure

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

Aspiration hazard

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

SECTION 12: Ecological information



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12.1. Toxicity

General information

There are no data available on the mixture itself. Do not allow to enter drains or water courses. The mixture has been assessed following the summation method of the CLP Regulation (EC) No 1272/2008 and is not classified as dangerous for the environment.

12.2. Persistence and degradability

General information

Insoluble in water.

12.3. Bioaccumulative potential

General information

Insoluble in water.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal recommendations for the product

The product can be placed with other household refuse.

Local regulations must be observed.

EWC waste code 08 03 99 wastes not otherwise specified

Disposal recommendations for packaging

Completely emptied packagings can be given for recycling.

SECTION 14: Transport information

	Land transport ADR/RID	Marine transport IMDG/GGVSee	Air transport ICAO/IATA
14.1. UN number	The product does not constitute a hazardous substance in land transport.-	The product does not constitute a hazardous substance in sea transport.-	The product does not constitute a hazardous substance in air transport.-
14.2. UN proper shipping name	-	-	-
14.3. Transport hazard class(es)	-	-	-
Subsidiary risk		-	-
Label			
14.4. Packing group	-	-	-
Transport category	0		
14.5. Environmental hazards	-	no	-

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance



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or mixture

VOC

VOC (EU)	0	%	
VOC (EU)	0		g/l

Other information

The product does not contain substances of very high concern (SVHC).

Other information

- All components are contained in the TSCA inventory or exempted.
- All components are contained in the AICS inventory.
- All components are contained in the PICCS inventory.
- All components are contained in the DSL inventory.
- All components are contained in the IECSC inventory.
- All components are contained in the NZIOC inventory.
- All components are contained in the ENCS inventory.
- All components are contained in the ECL inventory.

SECTION 16: Other information

Supplemental information

Relevant changes compared with the previous version of the safety data sheet are marked with: ***
 This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.
 The information in this Safety Data Sheet is based on the present state of knowledge and current legislation.
 It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications.
 The product should not be used for purposes other than those shown in Section 1 without first referring to the supplier and obtaining written handling instructions.
 As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of relevant legislation are complied with.
 The information contained in this safety data sheet does not constitute the user's own assessment of workplace risks, as required by other health and safety legislation.