

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 22.05.2018

Version number 1

Revision: 22.05.2018

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

· **1.1 Product identifier**

· Trade name: **Mastic 1000 INT A+**

· Article number: 1000-I

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

No further relevant information available.

· **Application of the substance / preparation** *Sealant*

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

· **Manufacturer/Supplier:**

Temati B.V.

Rijnland 2

1948 RL Beverwijk

Tel: +31(0) 251 229 172

Fax: +31(0) 251 212 380

e-mail: temati@temati.com

Website: www.temati.com

· **1.4 Emergency telephone number:**

In case of emergency please contact the Dutch National Poison Control, telephone number: 0031-(0)30-2748888. (This number is only accessible to the physician treating the patient and only in case of accidental poisoning).

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.

· **2.2 Label elements**

· **Labelling according to Regulation (EC) No 1272/2008** *Void*

· **Hazard pictograms** *Void*

· **Signal word** *Void*

· **Hazard statements** *Void*

· **Additional information:**

Contains 1,2-benzisothiazol-3(2H)-one, mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H-isothiazol-3-one [EC no. 220-239-6] (3:1). May produce an allergic reaction.

· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** *Not applicable.*

· **vPvB:** *Not applicable.*

SECTION 3: Composition/information on ingredients

· **3.2 Chemical characterisation: Mixtures**

· **Description:** *Mixture of acrylated copolymer dispersion, fillers and additives*

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· **Dangerous components:** *Void*

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** *No special measures required.*
- **After inhalation:** *Supply fresh air; consult doctor in case of complaints.*
- **After skin contact:** *Wash with water and soap.*
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a physician.
- **After swallowing:** *Rinse mouth with water and then drink plenty of water, consult physician immediately.*
- **4.2 Most important symptoms and effects, both acute and delayed**
No further relevant information available.
- **Information for doctor:** *Product is weak alkaline and after drying hardly soluble in water.*
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **5.2 Special hazards arising from the substance or mixture** *No further relevant information available.*
- **5.3 Advice for firefighters**
- **Protective equipment:** *Wear self-contained respiratory protective device.*

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Particular danger of slipping on leaked/spilled product.
- **6.2 Environmental precautions:**
Dilute with plenty of water.
Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
Collect product in waste container. Rinse floor with water.
- **6.4 Reference to other sections**
No dangerous substances are released.
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
No special measures required.
Ensure that suitable extractors are available on processing machines

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- **Information about fire - and explosion protection:** *No special measures required.*
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** *Store in a cool, but frost-proof location.*
- **Information about storage in one common storage facility:** *Not required.*
- **Further information about storage conditions:**
Recommended storage temperature between 15 and 25 °C.
- **7.3 Specific end use(s)** *No further relevant information available.*

SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical facilities:** *No further data; see item 7.*
- **8.1 Control parameters**
- **Ingredients with limit 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.
- **Additional information:** *The lists valid during manufacture were used as basis.*
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** *Not necessary if room is well-ventilated.*
- **Protection of hands:**



The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

- Selection of the glove material is dependant on the penetration times, rates of diffusion and degradation.*
- **Material of gloves**
The selection of suitable gloves does not only depend on the material, but also on further aspects 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 established by the manufacturer of the protective gloves and has to be observed.
 - **For prolonged contact gloves made of the following materials are suitable:** *Butyl rubber*
 - **Eye protection:** *Goggles recommended during refilling*

SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**
Form: *Paste*

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· Colour:	<i>Different according to colouring</i>
· Odour:	<i>Characteristic</i>
· pH-value at 21 °C:	<i>8</i>
· Change in condition Initial boiling point and boiling range:	<i>100 °C</i>
· Flash point:	<i>Not applicable.</i>
· Auto-ignition temperature:	<i>Product is not self-igniting.</i>
· Explosive properties:	<i>Product does not present an explosion hazard.</i>
· Vapour pressure at 20 °C:	<i>23 hPa</i>
· Density at 21 °C:	<i>1,4 g/cm³</i>
· Solubility in / Miscibility with water:	<i>Fully miscible.</i>
· Viscosity: Dynamic at 21 °C:	<i>150 Pas (Brookfield 20 rpm, SP7)</i>
· Solvent content: Organic solvents:	<i>0,0 %</i>
· 9.2 Other information	<i>No further relevant information available.</i>

SECTION 10: Stability and reactivity

- **10.1 Reactivity** *No further relevant information available.*
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** *No decomposition if used according to specifications.*
- **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:** *No dangerous decomposition products 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** *Possible irritation with prolonged or frequent contact.*
- **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** *Easily eliminable from water.*

· Other information:

By abiotic processes, e.g. adsorption on activated sludge the product could be eliminated largely out of the water.

· **12.3 Bioaccumulative potential** *Non significant accumulation in organisms*

· **12.4 Mobility in soil** *No further relevant information available.*

· Other information:

Based on the structural properties of the polymeric part the product is not fully biodegradable.

· Ecotoxicological effects:

· Behaviour in sewage processing plants:

By adding low concentrations to the process in biological wastewater treatment installations disturbance of the degradation of activated sludge is not expected.

· Additional ecological information:

· General notes:

Do not allow undiluted product or large quantities of it to reach groundwater, watercourse or sewage system.

Do not allow large quantities to reach sewage system or surface water.

According to the criteria of the EU-classification and labelling "dangerous for environment"(93/21/EWG) the substance/ the product has to be classified as non-hazardous for the environment.

Due to available data on eliminability/decomposition and bioaccumulation potential a prolonged damage of the environment is unlikely.

· 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

Smaller quantities can be disposed of with household waste.

Small amounts may be diluted with plenty of water and washed away. Dispose of bigger amounts in accordance with Local Authority requirements.

· Uncleaned packaging:

· **Recommendation:** *Disposal must be made according to official regulations.*

· **Recommended cleansing agents:** *Warm water, if necessary together with cleansing agents.*

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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 hazardous under transport regulations.
· UN "Model Regulation":	Void

SECTION 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
- National regulations:
- Waterhazard class: *Water hazard class 1 (Self-assessment): slightly hazardous for water.*
- Other regulations, limitations and prohibitive regulations
- Substances of very high concern (SVHC) according to REACH, Article 57
- None of the ingredients is listed.*
- 15.2 Chemical safety assessment: *A Chemical Safety Assessment has not been carried out.*

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- Department issuing SDS: *R&D department*
- Contact: *Veiligheidsafdeling / Safety department*
- Abbreviations and acronyms:

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

ICAO: International Civil Aviation Organisation

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

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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
SVHC: Substances of Very High Concern
vPvB: very Persistent and very Bioaccumulative

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