

EU-SAFETY DATA SHEET

in accordance with Regulation (EC) no. 1272/2008

KEMA MASTIC WA

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

1.1 Product identifier

Trade name: KEMA MASTIC WA

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

Recommended Use: Hydro swelling mastic for sealing on wet areas

1.3 Details of the supplier of the safety data sheet:

KEMA d.o.o.,
Puconci 393, 9201 Puconci, Slovenija
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Technical consulting: +386 (0)2 545 95 28, +386 (0)2 545 95 73
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for Safety Data Sheets: komplast@kema.si1.4 Emergency telephone number: +386 (0)2 545 95 34
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CHAPTER 2: Hazard identification

2.1 Classification of the substance or mixture

Classification in accordance with
Regulation (EC) no. 1272/2008:Classification of the substance/preparation: Preparation is not classified as dangerous in accordance with
Directive 1999/45/ES and their supplementations.

Danger for human: Could be irritating for eyes and skin.

2.2 Label elements

Classification in accordance with Council Regulation (EC) no. 1907/2006

Indication of danger :

Precautionary statements:

CHAPTER 3: Composition/information on ingredients

Chemical characterization:

Description: Mixture of substances listed below with hazardous additions.

Dangerous components:

Component 1

toluene diisocyanate < 0.1 %

ES-Number: 209-544-5

Dangers: T+ / R26,R36/37/38 R40 R42/43 R52/53

Additional information: The full text for all R-Phrases are described in chapter 16.

CHAPTER 4: First aid measures

4.1 Description of first aid measures

General information:

After inhalation: move victim into fresh air and seek medical advice.

After skin contact: remove soiled clothing. Wash skin with soap and water. Do not
use solvents or thinners. Seek medical advice if irritation develops.After eye contact: rinse immediately with eye wash or clean water for at least 15
min. Contact lenses should be removed. Seek medical attention.

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After swallowing:

Immediately rinse mouth out. Do not induce vomiting. Seek immediate medical advice.

4.2 Most important symptoms and effects, both acute and delayed:

4.3 Indication of any immediate medical attention and special treatment needed:

General information:

in case of doubt or with persisting symptoms obtain medical attention. Never pass anything through the mouth of an unconscious person.

CHAPTER 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: carbon dioxide, dry powder, water or foam
For safety reasons unsuitable extinguishing agents: /

5.2 Special hazards arising from the substance or mixture:

5.3 Advice for firefighters

Special protective equipment for firefighters:
Additional information: /

Protective equipment:

fire fighters should wear full protective clothing and self contained breathing apparatus.

Exposure hazards:

at combustion smoke, carbon monoxide, nitrogen oxides, isocyanate vapors and traces of cyanides may be formed.

CHAPTER 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Ensure adequate ventilation if working in confined spaces. Avoid contact with eyes and wear protective clothing. Caution : spillages may be slippery.

6.2 Environment protections:

Prevent material from entering sewage system, water courses or water treatment installations.

6.3 Methods and materials for containment and cleaning up:

Spread sand or industrial absorbent over spillage and transfer into labelled containers for disposal. See section 13 for disposal considerations. Spilled material will polymerise under atmospheric moisture.

Additional information:

6.4 Reference to other sections:

CHAPTER 7: Handling and storage

7.1 Precautions for safe handling

Tips for safe handling: Do not drink, eat or smoke during handling.
Precaution in case of fire and explosion:

7.2 Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and receptacles: Keep containers dry and closed. Store in original containers. Storage temperature 5 - 25 °C.

Information about storage in one common storage facility:

Storage class:

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7.3 Specific end use(s):

CHAPTER 8: Exposure controls/personall protection

8.1 Control parameters

8.1.1 Ingredients with limit values that require monitoring at the workplace

Substance or mixture	Limit values
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8.2 Exposure control

Additional information about design of technical facilities:

Individual protection measures, for example personal protective equipment:

General protection and hygiene level:

Eye and face protection:

Protection for skin:

Protection of hands:

Respiration protection:

Other:

Limitation and Control of environmental exposure:

Ingredients with exposure limits:

Toluene diisocyanate:

MAK: 0.005 ppm 8 HRS/TWA SEN

MAK: 0.02 ppm CEILING SEN

Individual protection:

Respiratory protection : Normal conditions of ventilation are usually adequate. Wear a fine particle mask or respirator, or use local exhaust ventilation as necessary when using in confined areas with inadequate ventilation.

Hand protection : Use protective gloves. Suitable types are pvc or neoprene. If in doubt seek advice from a reputable manufacturer. Barrier creams help to protect exposed areas but are no substitute for full physical protection. They should not be applied once exposure has occurred.

Skin protection : Cotton or cotton/synthetic overalls or coveralls are normally suitable. Grossly contaminated clothing should be removed and the skin washed with soap and water or a proprietary skin cleaner.

Eye protection: wear safety glasses

CHAPTER 9: Physical and chemical attributes

9.1 Information on basic physical and chemical properties

Form/State:	paste
Colour:	grey
Odour:	sweet
Odour limits:	
pH-value (20°C):	
Melting point:	
Boiling point:	
Flash point:	
Rang evaporation:	
Flammability (solids / gas):	

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Upper / lower flammability or explosive limits

Lower:

Upper:

Vapor pressure at 50°C:

Vapor density: 1,5 g/cm³

Pour weight:

Solubility in / Miscibility with water: Not miscible.

Partition coefficient: n-Octanol/Water:

Self-inflammability:

Decomposition temperature:

Viscosity (dynamic) at 25°C:

Explosive properties:

Oxidising properties:

9.2 Other information:

CHAPTER 10: Stability and reactivity

10.1 Reactivity:

10.2 Chemical stability:

10.3 Possibility of hazardous reactions:

10.4 Conditions to avoid:

10.5 Incompatible materials:

10.6 Hazardous decomposition products:

Material that should be avoided: Water (during storage), amines and alcohols

Hazardous decomposition products: None in ambient conditions

Stability: Stable under normal ambient conditions.

CHAPTER 11: Toxicological information

11.1 Information on toxicological effects:

Acute toxicity

Inhalation toxicity: The product might be irritating to the skin.

Oral toxicity:

Dermal toxicity:

Skin corrosion/irritation:

Serious eye damage/irritation:

Skin sensitization:

Respiratory sensitisation:

Specific target organ toxicity(STOT) - single exposure:

Specific target organ toxicity (STOT) - repeated exposure:

CMR assessments:

Carcinogenicity:

Mutagenicity:

Reproductive toxicity:

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Other Information:

CHAPTER 12: Ecological information

12.1 Toxicity:

The product is not soluble in water. The product is not biodegradable.

The product is not expected to accumulate in the environment.

The product is not classified as dangerous to the environment.

Aquatic toxicity:

General Information:

12.2 Persistence and degradability:

General Information:

Oxygen demand:

12.3 Bioaccumulative potential:

Bioaccumulation factor (BCF):

12.4 Mobility in soil:

12.5 Result of PBT and vPvB assessment:

12.6 Other adverse effects:

General Information:

CHAPTER 13: Disposal considerations

13.1 Waste treatment methods

Product:

Do not allow into drains or water courses or where ground water or surface waters may be affected. Ensure any containers containing waste material are correctly labelled. Wastes, including emptied packing, are controlled wastes and should be disposed of in accordance with local, state or EC regulations at an authorised site. European Waste Code : 08 04 10.

Recommendations:

Packaging:

Recommendations:

CHAPTER 14: Transport information

	ADR/RID	ADN/ADNR	IMDG	IATA
14.1 UN Number				
14.2 UN proper shipping name				
14.3 Class				
14.4 Packing group				
14.5 Environmental hazards				
14.6 Special precautions for users				
14.7 Further regulations, limitations and legal requirements				

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14.8 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code:

The product is not considered as dangerous goods under transport regulations.

CHAPTER 15: Regulatory information

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

Storage class:

Volatile organic compounds ,VOC (g/l):

Water hazard class (WHC):

Further regulations, limitations and Legal Affairs:

Chemical Safety Assessment:

National regulations:

Labelling:

The product does not require special markings in accordance with EC Directive or National legislation.

According to regulations:

- Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006
- Chemicals Act (official gazette, number 110/2003, 47/2004, 16/2008)
- Rules on the classification, packaging and labelling of dangerous substances (official gazette, number 35/2005, 54/2007)
- Rules on the classification, packaging and labelling of dangerous preparations (official gazette, number 67/2005, 137/2006)
- Decree on waste management (official gazette, number 34/2008)
- Decree on the management of packaging and packaging waste (official gazette, number 84/2006, 106/2006, 110/2007)
- Decision on the publishing of the Annexes A and B to the European Agreement concerning the International Carriage of Dangerous Goods by Road (official gazette, number 9/2007)
- Rules on the protection of workers from risks related to exposure to chemical substances at work (official gazette, number 100/2001, 39/2005, 53/2007)

CHAPTER 16: Other Information

Hazard statements:

no R-phrases according to EC Directive 1999/45/EC.

Precautionary statements:

no S- phrases according to EC Directive 1999/45/EC.

Reason for change:

Other information:

do not use without training.

The meaning of R-phrases from 2 or 3 point safety data sheet:

R 26 - Very toxic by inhalation
R 36/37/38 - Irritating to eyes, respiratory system and skin
R 40 - Limited evidence of a carcinogenic effect
R 42/43 - May cause sensitization by inhalation and skin contact
R 52/53 - Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment

Source for safety data sheet:

Safety data sheet is harmonize with annex II Regulation (EC) No 1907/2006

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The above information is based on our knowledge and experience and refer to the product in the state in what is delivered. The purpose of the information is to describe our product in relation to the safety requirements. Entries do not represent assurance the properties of the product in legal terms. Responsibility of the customer's is to know and take into account the legal provisions in relation to transport and use of the product. The characteristics of the product described in the technical information.