

EU-SAFETY DATA SHEET

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

KEMATERM 225 W

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

1.1 Product identifier

Trade name: KEMATERM 225 W

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

Recommended Use: White adhesive and levelling mortar for thermal-insulation boards

1.3 Details of the supplier of the Safety Data Sheet:

Murexin d.o.o.,
 PuconciXX 393, 9201 Puconci, Slovenija
 T: +386 (0)2 545 95 00, F: +386 (0)2 545 95 10
 Technical consulting: +386 (0)2 545 95 28, +386 (0)2 545 95 73
 I: www.kema.si | E: info@murexin.si

E-mail address of person responsible for Safety Data Sheets:

1.4 Emergency telephone number:

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008:

Danger for human:

Irritant (Xi).
 Irritating to eyes, respiratory system and skin.
 Cement is not toxic, volatile and does not burn.
 Prolonged contact with eyes and skin can cause irritation because of basic nature. Fine granularity cause dustiness (irritating respiratory system).

Danger for environment:

The product in dusty form is harmless for the environment. In contact with water reacts alkaline, prevent uncontrolled release after contact with water.

2.2 Label elements

Classification according to Regulation (EC) No. 1272/2008

Pictograms:

Xi IRRITATING



Signal word:

Supplemental Hazard information (EU):

2.3 Other hazards:

SECTION 3: Composition/information on ingredients

3.1 Substance:

3.2 Mixtures:

Description of the mixture:

Quartz sand, filler, Portland cement, polymer powder, oxide pigments and additives.

Hazardous ingredients:

Name	CAS No.	EC No.	Index No.	REACH Registration No.	% [weight]	Classification according to 67/548/EEC	Classification according to Regulation (EC) No 1278/2008 (CLP)
Portland cement	65997-15-1	266-043-4	/	Xi	25-50 %	R36/37/38	

Other information:

The full text for all R-Phrases are describe in chapter 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes:

Following inhalation:

Move to fresh air and seek medical service.

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Following skin contact:	Immediately wash the skin with soap and water. Get medical attention if irritation persists after washing.
Following eye contact:	Immediately rinse the eyes with plenty of water. Get medical attention if irritation persists after washing.
Following ingestion:	Immediately rinse mouth and provide fresh air. Get medical attention immediately and present declaration of the product.
Self-protection of the first aider:	

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

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

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media:	This product is not combustible.
Unsuitable extinguishing media:	/

5.2 Special hazards arising from the substance or mixture:

Hazardous combustion products:

5.3 Advice for firefighters

Special protection equipment for fire fighters:	
Additional instructions:	

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

For non-emergency personnel:	Try to avoid dust and contact to skin (protective clothing and gloves), eyes (safety goggles) and respiratory organs (anty – dust mask).
For emergency responders:	

6.2 Environmental precautions:

Do not allow uncontrolled contact with water. Avoid uncontrolled disposal, after contact with water, into canalization.

6.3 Methods and material for containment and cleaning up:

For containment:	
For cleaning up:	Mechanical, dry cleaning up.
Other information:	

6.4 Reference to other sections:

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures:	Reduce dustiness. Wear personal protective equipment and clothing to avoid contact with skin and eyes.
Measures to prevent fire:	
Measures to prevent aerosol and dust generation:	
Measures to protect the environment:	
Advice on general occupational hygiene:	

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions:	PE lined paper bags, closed wessels, moist protected silo.
Packaging materials:	
Requirements for storage rooms and vessels:	
Storage class:	
Further information on storage conditions:	

7.3 Specific end use(s):

Special uses:	Informations are not available.
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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1 Occupational Exposure limit values

Information on monitoring procedures:

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DNEL

Environmental protection target:

PNEC

8.2 Exposure controls

8.2.1 Appropriate engineering controls:

Substance/mixture related measures to prevent exposure during identified uses:

Structural measures to prevent exposure:

Exposure limit values:

CAS št.: 65997-15-1
Dangerous substance: Cement
%-share: /
MAK (ppm): 10

Exposure controls:

a) Occupational exposure controls:
Precautions for safe handling: Personal protection equipment.
Individual protection precautions:
- Respiratory protection: Normally no respiratory protection is needed. In case of higher amount of dust in air any dust mask is recommended.
- Hand protection: Protective gloves.
- Eye protection: Safety glasses.
- Skin protection: Protective clothing.

b) Environmental exposure controls: Non.

Eye and face protection:

Skin protection:

Hand protection:

Other skin protection:

Respiratory protection:

8.2.3 Environmental exposure controls:

:

SECTION 9: Physical and chemical attributes

9.1 Information on basic physical and chemical properties

Appearance: Powder
Odour: Without specific smell
Odour threshold:
pH: 11-13,5 at 20°C (fully diluted)
Melting point / freezing point:
Initial boiling point and boiling range:
Flash point:
Evaporation rate:
Flammability (solid, gas):
Upper/lower flammability or explosive limits
Lower:
Upper:
Vapour pressure:
Vapour density:
Relative density: 1,22 kg/dm³
Solubility(ies):
Partition coefficient: n-octanol/water:
Auto-ignition temperature:
Decomposition temperature:
Viscosity:
Explosive properties:
Oxidising properties:

9.2 Other Information:

SECTION 10: Stability and reactivity

10.1 Reactivity:

10.2 Chemical stability:

10.3 Possibility of hazardous reactions:

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10.4 Conditions to avoid: Prevent uncontrolled access of water and moisture.

10.5 Incompatible materials:

10.6 Hazardous decomposition products:

Materials that should be avoided: Not known.

Hazardous decomposition products: Not known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects:

Acute toxicity

Inhalation: Acute toxicity:
According to its composition, this product should not be harmful in normal conditions of use.

Ingestion:

Dermal:

Skin corrosion/irritation:

Serious eye damage/irritation:

Respiratory or skin sensitisation:

Germ cell mutagenicity:

Carcinogenicity:

Reproductive toxicity:

Summary of evaluation of the CMR properties:

STOT-single exposure:

STOT-repeated exposure:

Aspiration hazard:

Other Information:

Routes of exposure/symptoms:

- Skin contact: Irritant.
- Eye contact: Irritant.
- Ingestion: May cause discomfort if swallowed.
- Inhalation: Irritating to respiratory system.

SECTION 12: Ecological information

12.1 Toxicity:

Do not allow product to reach ground water, water bodies or sewage system. No ecological studies are available. Harmful effects on man and environment are unknown and are not to be expected when application is in accordance with the instructions and the advice in this Safety Data Sheet. When handled properly and used as intended the product has no ecotoxic effects on the basis of our significant experience in ready-to-use cement mortars and chemical building materials and the information available to us.
WATER HAZARD CLASSIFICATION

Acute (short-term) toxicity:

Fish:

Crustacea:

Algae/aquatic plants:

Other organisms:

Chronic (long-term) toxicity:

Fish:

Crustacea:

Algae/aquatic plants:

Other organisms:

12.2 Persistence and degradability:

Abiotic Degradation:

Physical- and photo-chemical elimination:

Biodegradation:

12.3 Bioaccumulative potential:

Partition coefficient n-octanol /water (log Kow):

Bioconcentration factor (BCF):

12.4 Mobility in soil:

12.5 Results of PBT and vPvB assessment:

12.6 Other adverse effects:

12.7 Other information:

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SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product / Packaging disposal:

Waste codes / waste designations according to LoW:

Waste treatment-relevant information:

Sewage disposal-relevant information:

Other disposal recommendations:

When collected dry, suitable for further use. When reacted with water, remove as building waist.

SECTION 14: Transport information

	ADR/RID	ADN/ADNR	IMDG	IATA
14.1 UN Number				
14.2 UN proper shipping name				
14.3 Transport hazard class(es)				
14.4 Packing group				
14.5 Environmental hazards				
14.6 Special precautions for user				

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code":

Not classified as dangerous in the meaning of transport regulations.

SECTION 15: Regulatory information

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

EU regulations:

Authorisations and/or restrictions on use:

Other EU regulations:

Information according 1999/13/EC about limitation of emissions of volatile organic compounds (VOC-guideline):

Restrictions of occupation:

Water hazard class:

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

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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)

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.

SECTION 16: Other Information

Relevant H-statements:

R 36/37/38 – Irritating to eyes, respiratory system and skin.

Relevant P-statements:

S2 - Keep out of the reach of children.

S 22 - Do not breathe dust.

S 24 - Avoid contact with skin.

S 25 - Avoid contact with eyes.

S 26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 36 - Wear suitable protective clothing.

S 37 - Wear suitable gloves.

Reason for change:

Further information:

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

R 36/37/38 – Irritating to eyes, respiratory system and skin.

Source for safety data sheet:

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