

## SAFETY DATA SHEET

# KEMATERM 240 LIGHT

Light machine applicable adhesive and levelling compound for heat insulating panels

### 1. PREPARATION/SUBSTANCE IDENTIFICATION AND SUPPLIER DATA

1.1 Identification of substance or preparation:	KEMATERM 240 LIGHT
1.2 Application of substance or preparation:	Light machine applicable adhesive and levelling compound for heat insulating panels
1.3 Supplier data:	KEMA PUCONCI, Kremen in Specialni Gradbeni Materiali, d.o.o. Puconci 109, 9201 Puconci T: +386 (0)2 545 95 00   F: +386 (0)2 545 95 10
1.4 Contact person:	e-mail: robert.konkolic@kema.si
1.5 Emergency call number:	T: +386 (0)2 545 95 34

### 2. ASSESSMENTS ABOUT DANGEROUS CHARACTERISTICS

Danger for human:	Irritant (Xi). Irritating to respiratory system and skin. Can cause severe eye damage. Can cause sensitization by skin contact.
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### 3. COMPOSITION/DATA ABOUT INGREDIENTS

**Composition:** Chromate- low Portland cement, according to EU Directive 2003/53/EC, organic fillers and additives.

**Dangerous substances:**

Name or trade name of produkt/substance	Proportion: %	Classification	
		67/548/EGS	Regulation (ES) no. 1272/2008 [CLP]
Portland cement EINECS no.: 266-043-4 CAS no.: 65997-15-1 Index no.: /	40-45 %	Symbol: Xi R clauses: R37/38/41/43	
Hydrated lime EINECS no.: 215-137-3 CAS no.: / Index no.: /	< 5 %	Symbol: Xi R clauses: R37/38/41	

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

### 4. FIRST AID MEASURES

4.1 General Information:	Quick help.
4.2 Inhalation:	Move to fresh air and seek medical service.
4.3 Contact with skin:	Immediately wash the skin with water. Remove dirty clothes. Get medical attention if irritation persists after washing.
4.4 Contact with eyes/mucous membrane:	In case of contact with eyes, rinse (with plenty of water or Saline solution for eyes, eye wash) for about 10 minutes. Do not rub eyes, because the mechanical stress cann cause additional cornea damage. Always seek medical advice.
4.5 Ingestion:	If conscious rinse mouth and drink plenty of water in small sips. Do not induce vomiting. Seek medical advice immediately.

### 5. MEASURES IN CASE OF FIRE

5.1 Extinguishing asset:	The product is not in the supplied nor in the mixed state combustible. Extinguishing asset and fire fighting method have to be adjusted according to the surrounding fire.
5.2 Dangerous extinguishment assets:	Not applicable.
5.3 Extra instructions for fire fighting:	Product is not combustible.

### 6. MEASURES IN CASE OF ACCIDENTAL RELEASES

- 6.1 Danger for human:** Avoid contact with eyes and skin. Individual protection measures (see point 8). In buildings an exhaust ventilation is recommended to minimize the concentration of dust.
- 6.2 Environment protection measures:** Keep product dry. Cover the product to prevent dust. Not discharge into drains, surface water or ground water (pH increase).
- 6.3 Cleaning procedure:** Mechanical, dry cleaning up. Let mixed product harden and dispose of according to point 13.

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## 7. HANDLING AND STORAGE

- 7.1 Handling:** Reduce dustiness and avoid contact with water. Wear personal protective equipment and clothing to avoid contact with skin and eyes.
- 7.2 Storage:** Keep dry. Avoid contact with moisture. Storage in original packaging. Consider storage instructions of the manufacturer.

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## 8. EXPOSURE CONTROL/INDIVIDUAL PROTECTION

- Exposure limit values:** Daily mean value: 5 mg/m<sup>3</sup> inhalable fraction (Portland cement (dust))  
Daily mean value: 2 mg/m<sup>3</sup> inhalable fraction  
Short-time average value of 4 mg/m<sup>3</sup> inhalable fraction; Duration 5 min (Hydrated lime (dust))
- Additional information:** Avoid dust during handling and provide appropriate ventilation or air extraction systems or use closed handling systems.
- General safety and hygiene measures:** Avoid contact with eyes and skin. Wear dry clothing. Remove contaminated clothing. At work do not eat, drink or smoke. After work and before breaks wash your hands thoroughly. Provide washing facilities in the workplace. Showering after heavy exposure.
- Respiratory protection:**  
When exceeding the exposure limits (during mixing possible) wear particle-filtering dust masks (eg EN 149 FFP1).
- Hand protection:**  
Wear nitrile impregnated cotton gloves with CE mark.
- Eye protection:**  
In case of dust or splashes wear tight fitting safety goggles. (Provide eyewash).
- Skin protection:**  
Skin protection cream.
- Body protection:**  
Closed long sleeved clothing and proof shoes.
- Limitation and control of environmental exposure:** Equip exhaust systems with filters.

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## 9. PHYSICAL AND CHEMICAL ATTRIBUTES

- Appearance:** Fine grain stone mixed with organic additive, Portland cement and hydrated lime
- Smell:** Without specific smell
- Color:** White
- pH:** 11-13,5 in mixed state
- Pour weight:** ca. 1000 kg/m<sup>3</sup> at 20°C
- Boiling point:** Not applicable
- Melting point:** Not applicable
- Flash point:** Not applicable
- Ignition point:** Not applicable
- Selfinflammability:** Noz inflammable
- Explosion risk:** Not applicable
- Steam pressure:** Not applicable
- Density:** 2,8-3,2 g/cm<sup>3</sup> at 20°C (Portland cement)
- Water solubility:** 1,5g/l at 20°C
- Note:** Additional information on the physico-chemical properties according to RL 91/155/EEC were not undertaken because not applicable.

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## 10. DURABILITY AND REACTIVITY

10.1 Conditions that should be avoided:	Avoid moisture. The product hardens in contact with moisture. Alkaline reaction with water.
Materials that should be avoided:	Not known.
Hazardous decomposition products:	Not known.

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## 11. TOXICOLOGICAL INFORMATION

Toxicity:	Acute toxicity:  Inhaled: Causes trouble of the upper respiratory system  Oral: Not toxic. Large amounts may cause irritation of the gastrointestinal tract.  Dermal: Irritation of the intact skin in combination with moisture. Strong Irritation on damaged skin.  Eye contact: Irritating in case of eye contact. Potential mechanical stress caused by dust.  Other: Repeated and prolonged exposure can cause sensitization or severe impairment.
Note:	The product as such is not tested. The preparation is according to the conventional method (calculation method EU Directive 1999/45/EC) and is classified according to toxic hazards.

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## 12. ECOLOGICAL INFORMATION

Toxicity for environment:	pH raising when larger amounts are released in combination with water. The pH decreases rapidly by dilution. (inorganic mineral construction material)  Further information on ecology are not available.
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## 13. REMOVAL GUIDELINES

Disposal:	Collect and dispose according to local and official regulations. Mix any unused remaining amounts with water by avoiding any skin contact and dispose the hardened material as concrete waste. Do not dispose of as household waste. Do not empty remains in the sink or the toilet.
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## 14. TRANSPORT INFORMATION

Safety measures:	Not classified as dangerous in the meaning of transport regulations.  ADR (road): No classification necessary RID (train): No classification necessary IMDG (sea): No classification necessary IATA-DGR/ICTAO-TI (air cargo): No classification necessary  Sšeciač safety measures: Store dry. Avoid dust during transport. Use of SILO-truck for for bulk (see point 8.2.)
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## 15. LEGALLY PRESCRIBED INFORMATIONS

Sign for danger:

Xi



R clauses:	R 37/38: Irritating to respiratory system and skin R41: Risk of serious damage to eyes R43: May cause sensitization by skin contact
S clauses:	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. S28: After contact with skin, wash immediately with plenty of water. S 36 - Wear suitable protective clothing. S 37 - Wear suitable gloves. S 39 - Wear suitable protective goggles. S46: If swallowed, seek medical advice immediately and show container or label.

According to regulations: Directive 67/548/EEC and 1999/45/EC, as amended.  
Note the provisions of the employee / Internal Protection Act and its regulations in the current version.

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## 16. OTHER INFORMATION

List of relevant R-phrases: (points 2 and 3) The following phrases do not represent the classification

R37/38: Irritating to respiratory system and skin, R41: Risk of serious damage to eyes,

R43: May cause sensitization by skin contact

Changed from the last version:

Company Wording

for Portland cement clinker R43 and R41 instead of R36

Created by: laboratory

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.