

EU-SAFETY DATA SHEET

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

KEMATERM PL-S

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

1.1 Product identifier

Trade name: KEMATERM PL-S

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

Recommended Use: Ready-to-use pasty silicate-resin top coat

1.3 Details of the supplier of the safety data sheet:

KEMA d.o.o.,
Puconci 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-on.net | E: info@kema.si

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

komplast@kema.si

1.4 Emergency telephone number:

+386 (0)2 545 95 34
112

CHAPTER 2: Hazard identification

2.1 Classification of the substance or mixture

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

Human health hazards:

The product is alkaline. Irritating to eyes and skin. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of water.

Environmental hazards:

No classification according to EC- directives.

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:

Water based silicate (potassium water glass) and acrylic binders, extenders, pigments, special additives.

Dangerous components:

Component 1

Potassium water glass

CAS number: 1312-76-1

Additional information:

This product is classified as not hazardous according to EC-directives EU 1999/45/EC.

CHAPTER 4: First aid measures

4.1 Description of first aid measures

General information:

After inhalation:

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After skin contact:

Wash skin with water.

After eye contact:

Flush eyes with water for 10 to 15 minutes, if necessary get medical attention.

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After swallowing:

Rinse mouth with water, do not induce vomiting, obtain medical attention immediately.

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

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

CHAPTER 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Water shower, foam, carbon dioxide.
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: /

CHAPTER 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid contact with skin and eyes. Consider instructions for safe work.

6.2 Environment protections:

Do not empty into drains or water.

6.3 Methods and materials for containment and cleaning up:

Absorb or contain liquid with sand, earth or spill control material. Shovel up and place in a labelled container for subsequent safe disposal.

Additional information:

6.4 Reference to other sections:

CHAPTER 7: Handling and storage

7.1 Precautions for safe handling

Tips for safe 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:

Information about storage in one common storage facility:

Storage class:

7.3 Specific end use(s):

CHAPTER 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1 Ingredients with limit values that require monitoring at the workplace

Substance or mixture

Limit values

8.2 Exposure control

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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:

Respiratory protection: When spraying use an approved respirator.

Hand and body protection: Repeated or prolonged skin contact: use protective hand cream.

Eye protection: Use splash goggles when eye contact may occur.

Hygiene measures: Wash hands before breaks and immediately after handling the product.

CHAPTER 9: Physical and chemical attributes

9.1 Information on basic physical and chemical properties

Form/State:	paste
Colour:	white, colour shades
Odour:	specific
Odour limits:	
pH-value (20°C):	10,5 (at +20°C)
Melting point:	n.a.
Boiling point:	n.a.
Flash point:	n.a.
Rang evaporation:	
Flammability (solids / gas):	
Upper / lower flammability or explosive limits	
Lower:	
Upper:	
Vapor pressure at 50°C:	
Vapor density:	
Pour weight:	1,6 kg/m ³
Solubility in / Miscibility with water:	it is soluble
Partition coefficient: n-Octanol/Water:	
Self-inflammability:	
Decomposition temperature:	
Viscosity (dynamic) at 25°C:	
Explosive properties:	
Oxidising properties:	

9.2 Other information:

It freezes at 0°C
It boils at +100°C

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CHAPTER 10: Stability and reactivity

10.1 Reactivity:

10.2 Chemical stability:

10.3 Possibility of hazardous reactions:

10.4 Conditions to avoid:

The product is stable under normal conditions of storage and handling. Dangerous reactions and dangerous decomposition products are not known.

10.5 Incompatible materials:

10.6 Hazardous decomposition products:

CHAPTER 11: Toxicological information

11.1 Information on toxicological effects:

Acute toxicity

Inhalation toxicity:

This product is classified as not hazardous according to EC – directives 88 / 379 / EEC. The fully cured product is not health hazardous.

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:

Other Information:

CHAPTER 12: Ecological information

12.1 Toxicity:

Should not be discharged into surface water or groundwater.
Water hazard class I (self-assessment): slightly water hazard.

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:

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12.6 Other adverse effects:

General Information:

CHAPTER 13: Disposal considerations

13.1 Waste treatment methods

Product:

Liquid waste: EWC: 08 01 12. Disposal according to the local legislation. Liquid waste must not be disposed together with domestic wastes, poured into water or in sewage system. After hardening deposit as a construction waste: EWC: 17 09 04.
Packaging EWC 15 01 02: Packaging may be recycled after appropriate cleaning.

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				

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

ADR/RID: not classified
IMDG: not classified

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:

Labeling:

In accordance with EC Regulation labeling is not required.

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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:

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Precautionary statements:

S2-Keep out of the reach of children.
S24/25-Avoid any inhalation, contact with skin and eyes. Wear suitable protective clothing and gloves.
S36/37/39-Wear suitable protective clothing, gloves and eye/face protection.

Reason for change:

Other information:

Source for safety data sheet:

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

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.