

SAFETY DATA SHEET

FLOOROKOL LINO-GUM

Adhesive for linoleum and rubber coverings

1. PREPARATION/SUBSTANCE IDENTIFICATION AND SUPPLIER DATA

| | |
|---|--|
| Identification of substance or preparation: | FLOOROKOL LINO-GUM |
| Application of substance or preparation: | Adhesive for linoleum and rubber coverings |
| Supplier data: | KEMA PUCONCI, Kremen in Specialni Gradbeni Materiali, d.o.o. Puconci 109, 9201 Puconci T: 02 / 545 95 00 F: 02 / 545 95 10 |
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| Emergency call number: | T: 02 / 545 95 34 F: 02 / 545 95 35 |

2. ASSESSMENTS ABOUT DANGEROUS CHARACTERISTICS

| | |
|---------------|--|
| | Ingestion: Negligible hazard potential. |
| Inhalation: | Negligible hazard potential at room temperature application. Avoid inhalation of aerosol and/or vapor. |
| Skin contact: | Repeated and/or prolonged contact may cause skin sensitization and dry skin. |
| Eye contact: | Contact with eyes may cause irritation effects (red eyes and pain). |

3. COMPOSITION/DATA ABOUT INGREDIENTS

| | |
|-----------------------|---|
| Dangerous substances: | / |
| Proportion: | / |
| | Preparations are polymeric dispersion in water and do not contain any components that have to be reported. It is considered to present negligible hazards when processed according to correct working procedures. |

4. FIRST AID MEASURES

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|------------------------------------|---|
| Inhalation: | remove to fresh air. |
| Contact with skin: | wash with plenty of water and soap. Seek medical advice in case of continuous irritation. |
| Contact with eyes/mucous membrane: | rinse immediately with plenty of water. Seek medical advice in case of continuous irritation. |
| Ingestion: | if individual is conscious, give water to dilute stomach contents. Get prompt medical attention (show label if possible). |

5. MEASURES IN CASE OF FIRE

| | |
|---------------------------------------|--|
| Extinguishing asset: | use extinguishing media appropriate to the source of the fire (water, foam, carbon dioxide...) |
| Dangerous extinguishment assets: | / |
| Extra instructions for fire fighting: | / |
| General information: | preparation (water dispersion) does not burn. The product in case of ware house fire, does not add to the spreading of fire. |
| Hazardous combustion products: | carbon monoxide, carbon dioxide. |

6. MEASURES IN CASE OF ACCIDENTAL RELEASES

| | |
|----------------------------------|---|
| Danger for human: | / |
| Environment protection measures: | Do not introduce into sewer system or in shore waters. Cover escape liquid with earth or other suitable material. |

Cleaning procedure: Absorb mechanically and dispose of according regulations. Absorb with a liquid binding material such is diatomaceous earth and dispose of according to regulations. Contain larger amounts and pump up into suitable containers. Clean up with plenty of water. Dispose of cleansing water in accordance with regulations.

7. HANDLING AND STORAGE

Handling: Precautions for safe handling:
Provide good ventilation when handling large quantities. Avoid direct inhalation of vapors (when open the packing) or aerosols. Avoid extreme temperatures.
Precautions against fire and explosion:
No special precautions against fire and explosion required.

Storage: Conditions for storage rooms and vessels: avoid extreme temperatures. Protect against frost.
Advice for storage of incompatible materials: /
Further information for storage: the adhesive should be stored in factory-sealed containers at temperature between +5°C and +25°C (to guarantee the shelf life).

General information: No special protective measures required.

8. EXPOSURE CONTROL/INDIVIDUAL PROTECTION

Consider preventive safety measures defined by regulations about safety and health at work.

Exposure limit values/IZPOSTAVLJANJA: n.a.

NADZOR NAD IZPOSTAVLJENOSTJO: Respiratory protection: ventilated area is recommended but not necessary
Eye protection: safety goggles
Skin protection: safety gloves is recommended

9. PHYSICAL AND CHEMICAL ATTRIBUTES

Appearance: Liquid

Smell: weak

Color: White to light brown

pH: 6,0 - 7,0 (ISO 976)

Boiling point: 100°C at 1013 hPa

Melting point: N.A

Flash point: N.A

Ignition point: N.A

Selfinflammability: N.A

Explosion risk: N.A

Steam pressure: approx. 23 hPa at 20°C

Density: from 1,0 to 1,6 g/cm³

Water solubility: completely miscible at 20°C

Dynamic viscosity: very high (paste like)

10. DURABILITY AND REACTIVITY

Conditions that should be avoided: /

General information: if stored and handled in accordance with standard industrial practices no hazardous reactions are known.

Nezdružljive snovi: /

Hazardous decomposition products: if stored and handled in accordance with standard industrial practices and local regulations where applicable no hazardous reactions are known.

11. TOXICOLOGICAL INFORMATION

Toxicity: According to our present state of knowledge no damaging effect expected when treated in accordance with standard industrial practices and local regulations where applicable.
Not known. On the basis of the product's composition, no acute general toxic effects are to be expected.

Long-term exposure effects: - effect on inhalation: Negligible hazard is expected
- effect on skin: Repeated and/or prolonged contact may cause skin sensitization and dry skin.
- effect on eyes: Contact with eyes may cause irritation effects (red eyes, pain)

Acute oral toxicity: N.A.

12. ECOLOGICAL INFORMATION

Toxicity for environment: Do not introduce into waters and into soil. Only introduce into water purification plants. No environmental problems expected if handled and treated in accordance with standard industrial practices and local regulations where applicable.

Extra information: Mobility: completely miscible with water. If introduced to water may be transferred to long distances.
Biodegradation: not easily biodegradable.
Bioaccumulation: no data available

Further information: Polymer components: Elimination by adsorption in activated sludge. Separation by flocculation is possible.

13. REMOVAL GUIDELINES

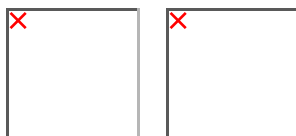
Recommendation: Preparation: prevent wastes formation where possible.
dispose of according to regulations by incineration in a special waste incinerator.
Observe local bye-laws.
Diluted solution may be introduced into a biological purification plant, with permission of the responsible authorities.
After chemical defloculation: can be stored with domestic waste, with permission of the responsible authorities. Observe local bye-laws.

Recommendation: Where possible reusing and recycling is preferred to disposal or incineration. Empty packaging should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Care should in any case be taken to ensure compliance with EC, national and local regulations.

Recommended cleaning agent: water

14. TRANSPORT INFORMATION

Safety measures: Land transport: ADR / RID Not restricted
Inland navigation: ADN / ADNR Not restricted
Transport by sea: IMDG / UN Not restricted
Air transport: ICAO / IATA Not restricted

15. LEGALLY PRESCRIBED INFORMATIONS**Sign for danger:****R clauses:** /**S clauses:** /

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)

The preparation is classified in according to Directive 1999/45/EC or 67/548/EEC and applicable amendments.

16. 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.

The logo for KEMA, featuring the word "KEMA" in a bold, black, sans-serif font. Below the text is a yellow graphic element consisting of a downward-pointing arrow shape with a rounded top and a pointed bottom, set against a white background.

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