

## SAFETY DATA SHEET

**KEMAKOL ULTRAFLEX 177**

Highly flexible 2C tile adhesive, component B

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

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| Identification of substance or preparation: | KEMAKOL ULTRAFLEX 177  |
| Application of substance or preparation:    | Highly flexible 2C tile adhesive, component B  |
| Supplier data:                              | KEMA PUCONCI, Kremen in Specialni Gradbeni Materiali, d.o.o.<br>Puconci 109, 9201 Puconci<br>T: 02 / 545 95 00   F: 02 / 545 95 10 |
| Contact person:                             | e-mail: tadeja.lenart@kema.si  |
| Emergency call number:                      | T: 02 / 545 95 34   F: 02 / 545 95 35  |

**2. ASSESSMENTS ABOUT DANGEROUS CHARACTERISTICS**

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| Classification of the substance/preparation: | Preparation is not classified as dangerous in accordance with Directive 1999/45/ES and their supplementations. |
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**3. COMPOSITION/DATA ABOUT INGREDIENTS**

It doesn't contain dangerous components above upper limits of EU directive.

**4. FIRST AID MEASURES**

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| Inhalation:                        | Remove victim immediately from source of exposure. Move the exposed person to fresh air at once. If the patient has difficulty breathing, call a doctor. |
| Contact with skin:                 | Wash the skin immediately with soap and water. Rinse with water. If skin irritation persists, call a doctor.   |
| Contact with eyes/mucous membrane: | Immediately rinse with water. Hold eyelids apart. Continue to rinse for at least 15 minutes. Consult an ophthalmologist.                                 |
| Ingestion:                         | Do not induce vomiting. Get medical attention immediately.   |

**5. MEASURES IN CASE OF FIRE**

|                                       |   |
|---------------------------------------|---|
| Extinguishing asset:                  | Powder, foam, carbon dioxide (CO <sub>2</sub> ), sand, water spray.   |
| Dangerous extinguishment assets:      | Water jet. Limit spreading of extinguishing fluids.   |
| Extra instructions for fire fighting: | Containers close to fire should be removed or cooled with water. Eliminate all sources of combustion. In case of fire and/or explosion do not breathe fumes. Wear individual breathing apparatus. |
| Hazardous combustion products:        | By combustion, formation of toxic products: carbon, carbon monoxide, carbon dioxide...  |

**6. MEASURES IN CASE OF ACCIDENTAL RELEASES**

|                                  |  |
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| Danger for human:                | Refer to protective measures listed in sections 7 and 8. If entering a saturated atmosphere, wear a self contained breathing apparatus.  |
| Environment protection measures: | Discharge in sewers prohibited. Do not allow this chemical to enter the environment. Contain by damming. If the product contaminates lakes, rivers or sewers, inform appropriate authorities in accordance with local regulations. |
| Cleaning procedure:              | Absorb with inert, damp, non-combustible material, then flush area with water. Collect and reclaim or dispose in sealed containers in licensed waste.  |

**7. HANDLING AND STORAGE**

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| Handling: | Do not smoke when using. Handle with care using hand and eye protection. Provide showers, eye-baths. |
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**Storage:** Store in a good ventilated room, on a tightened, bowl shaped soil. Keep at temperatures of between 5°C and 30°C. Avoid storing for very long periods.

PACKAGING MATERIALS RECOMMENDED: Stainless steel. Polyethylene.  
PACKAGING MATERIALS NOT SUITABLE: Iron. Aluminium.

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## 8. EXPOSURE CONTROL/INDIVIDUAL PROTECTION

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

**Exposure limit values:**

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**Exposure controls:**

a) Occupational exposure controls:

Precautions for safe handling: Personal protection equipment. Ensure sufficient air exchange and/or exhaust in work areas.

Individual protection precautions:

-Respiratory protection: Wear a mask in case of vapour emissions from the warm product.

Wear a mask when cleaning containers. Respiratory protection: (B K P3)

-Hand protection: Wear waterproof gloves (Neoprene).

-Eye protection: Wear a face-shield or chemical goggles. Contact lenses should not be worn.

-Skin protection: Protective clothing. Boots. Promptly remove any contaminated clothing.

Change work clothing daily before leaving work place. Eating, smoking and water fountains prohibited in immediate work area.

b) Environmental exposure controls: Non.

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## 9. PHYSICAL AND CHEMICAL ATTRIBUTES

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|---------------------------|----------------------------------|
| <b>Appearance:</b>        | Liquid                           |
| <b>Smell:</b>             | Characteristic                   |
| <b>Color:</b>             | White                            |
| <b>pH:</b>                | 7-8,5                            |
| <b>Boiling point:</b>     | 100°C                            |
| <b>Steam pressure:</b>    | 23 mbar at 20°C                  |
| <b>Density:</b>           | 0,99 g/ml at 20°C                |
| <b>Water solubility:</b>  | Miscible with water              |
| <b>Other information:</b> | Viscosity at 23°C: 500-1500 mPas |

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## 10. DURABILITY AND REACTIVITY

**Conditions that should be avoided:** Heat. Frost.

**Stability:** Stable under normal storage condition.

**Hazardous decomposition products:** None under normal conditions of use. By thermal decomposition, formation of: Carbon oxides,...

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## 11. TOXICOLOGICAL INFORMATION

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

**Routes of exposure/symptoms:** -Skin contact: Avoid contact with skin.  
-Eye contact: Particles in the eyes could cause irritation and smarting.

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## 12. ECOLOGICAL INFORMATION

**Toxicity for environment:** Use according to the rules of good practice. Do not dispose of the environment.

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## 13. REMOVAL GUIDELINES

**Substance/preparation:** Do not discharge washing water into public sewers and water points. Destroy the product by incineration at an approved waste disposal site. Destroy packaging by incineration at an approved waste disposal site. Cleaned packaging may be recycled.

**Disposal (waste) packaging:** Dispose of in accordance with Local Authority requirements.

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## 14. TRANSPORT INFORMATION

**Safety measures:** Not classified as dangerous in the meaning of transport regulations.

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## 15. LEGALLY PRESCRIBED INFORMATIONS

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| <b>Labelling:</b>                | The product does not require special markings in accordance with EC Directive or National legislation.   |
| <b>According to regulations:</b> | <ul style="list-style-type: none"><li>- Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006</li><li>- Chemicals Act (official gazette, number 110/2003, 47/2004, 16/2008)</li><li>- Rules on the classification, packaging and labelling of dangerous substances (official gazette, number 35/2005, 54/2007)</li><li>- Rules on the classification, packaging and labelling of dangerous preparations (official gazette, number 67/2005, 137/2006)</li><li>- Decree on waste management (official gazette, number 34/2008)</li><li>- Decree on the management of packaging and packaging waste (official gazette, number 84/2006, 106/2006, 110/2007)</li><li>- 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)</li><li>- 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)</li></ul> |

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## 16. OTHER INFORMATION

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| <b>Source for safety data sheet:</b> | Safety data sheet is harmonize with annex II REGULATION (EC) No 1907/2006.<br><br>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. |
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