

# Safety data sheet

## according to 1907/2006/EC, Article 31

Printing date 11.01.2017

Revision: 11.01.2017

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

- . **1.1 Product identifier**
- . **Trade name:** KEMAPUR C 6000 A
- . **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- . **Application of the substance / the mixture** Construction chemicals
- . **1.3 Details of the supplier of the safety data sheet**
- . **Manufacturer/Supplier:**  
KEMA d.o.o.  
Puconci 393  
9201 Puconci  
Slovenija
- . **Further information obtainable from:** R&D DEPARTMENT
- . **1.4 Emergency telephone number:** +386 (0)2 545 95 00

### SECTION 2: Hazards identification

- . **2.1 Classification of the substance or mixture**
- . **Classification according to Regulation (EC) No 1272/2008**



GHS02 flame

Flam. Liq. 1 H226 Flammable liquid and vapour.



GHS07

Acute Tox. 4 H312 Harmful in contact with skin.

Acute Tox. 4 H332 Harmful if inhaled.

- . **2.2 Label elements**
- . **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labelled according to the CLP regulation.
- . **Hazard pictograms**



GHS02 GHS07

- . **Signal word** Danger
- . **Hazard-determining components of labelling:**  
xylene  
ethylbenzene
- . **Hazard statements**  
H226 Flammable liquid and vapour.  
H312+H332 Harmful in contact with skin or if inhaled.
- . **Precautionary statements**  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

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P280 Wear protective gloves / protective clothing.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P403+P235 Store in a well-ventilated place. Keep cool.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

## . 2.3 Other hazards

## . Results of PBT and vPvB assessment

. PBT: Not applicable.

. vPvB: Not applicable.

**SECTION 3: Composition/information on ingredients**

## . 3.2 Chemical characterisation: Mixtures

. Description: Mixture of substances listed below with nonhazardous additions.

## . Dangerous components:

CAS: 1330-20-7 EINECS: 215-535-7 Index number: 601-022-00-9	xylene Flam. Liq. 3, H226 Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	10-25%
CAS: 108-65-6 EINECS: 203-603-9 Index number: 607-195-00-7	2-methoxy-1-methylethyl acetate Flam. Liq. 3, H226	10-25%
CAS: 107-98-2 EINECS: 203-539-1 Index number: 603-064-00-3	1-methoxy-2-propanol Flam. Liq. 3, H226 STOT SE 3, H336	2,5-10%
CAS: 123-86-4 EINECS: 204-658-1 Index number: 607-025-00-1	N-Butyl Acetate Flam. Liq. 3, H226 STOT SE 3, H336	≤ 2,5%
CAS: 100-41-4 EINECS: 202-849-4 Index number: 601-023-00-4	ethylbenzene Flam. Liq. 2, H225 STOT RE 2, H373; Asp. Tox. 1, H304 Acute Tox. 4, H332	≤ 2,5%

. Additional information: For the wording of the listed hazard phrases refer to section 16.

**SECTION 4: First aid measures**

## . 4.1 Description of first aid measures

## . General information:

Immediately remove any clothing soiled by the product.

Symptoms of poisoning may even occur after several hours; therefore medical observation for at least 48 hours after the accident.

## . After inhalation:

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

In case of unconsciousness place patient stably in side position for transportation.

. After skin contact: Immediately rinse with water.

. After eye contact: Rinse opened eye for several minutes under running water.

. After swallowing: If symptoms persist consult doctor.

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- . **4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.
- . **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### SECTION 5: Firefighting measures

- . **5.1 Extinguishing media**
- . **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- . **For safety reasons unsuitable extinguishing agents:** Water with full jet
- . **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- . **5.3 Advice for firefighters**
- . **Protective equipment:** Mouth respiratory protective device.

### SECTION 6: Accidental release measures

- . **6.1 Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.
- . **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- . **6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose contaminated material as waste according to item 13.  
Ensure adequate ventilation.
- . **6.4 Reference to other sections**  
See Section 7 for information on safe handling.  
See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### SECTION 7: Handling and storage

- . **7.1 Precautions for safe handling**  
Ensure good ventilation/exhaustion at the workplace.  
Open and handle receptacle with care.  
Prevent formation of aerosols.
- . **Information about fire - and explosion protection:**  
Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.  
Keep respiratory protective device available.
- . **7.2 Conditions for safe storage, including any incompatibilities**
- . **Storage:**
- . **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- . **Information about storage in one common storage facility:** Not required.
- . **Further information about storage conditions:**  
Keep container tightly sealed.  
Do not seal receptacle gas tight.  
Store in cool, dry conditions in well sealed receptacles.  
Protect from heat and direct sunlight.

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. 7.3 **Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

. **Additional information about design of technical facilities:** No further data; see item 7.. **8.1 Control parameters**. **Ingredients with limit values that require monitoring at the workplace:**

#### 1330-20-7 xylene

IOELV	Short-term value: 442 mg/m <sup>3</sup> , 100 ppm
	Long-term value: 221 mg/m <sup>3</sup> , 50 ppm
	Skin

#### 108-65-6 2-methoxy-1-methylethyl acetate

IOELV	Short-term value: 550 mg/m <sup>3</sup> , 100 ppm
	Long-term value: 275 mg/m <sup>3</sup> , 50 ppm
	Skin

#### 107-98-2 1-methoxy-2-propanol

IOELV	Short-term value: 568 mg/m <sup>3</sup> , 150 ppm
	Long-term value: 375 mg/m <sup>3</sup> , 100 ppm
	Skin

#### 100-41-4 ethylbenzene

IOELV	Short-term value: 884 mg/m <sup>3</sup> , 200 ppm
	Long-term value: 442 mg/m <sup>3</sup> , 100 ppm
	Skin

. **Additional information:** The lists valid during the making were used as basis.. **8.2 Exposure controls**. **Personal protective equipment:**. **General protective and hygienic measures:**

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

. **Respiratory protection:**

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

. **Protection of hands:**

Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

. **Material of gloves**

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The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**. Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**. Eye protection:**



Tightly sealed goggles

### SECTION 9: Physical and chemical properties

**. 9.1 Information on basic physical and chemical properties**

**. General Information**

**. Appearance:**

<b>Form:</b>	Liquid
<b>Colour:</b>	According to product specification
<b>. Odour:</b>	Characteristic
<b>. Odour threshold:</b>	Not determined.

**. pH-value:** Not determined.

**. Change in condition**

<b>Melting point/freezing point:</b>	Undetermined.
<b>Initial boiling point and boiling range:</b>	Undetermined.

**. Flash point:** >21 °C

**. Flammability (solid, gas):** Not applicable.

**. Ignition temperature:** 270 °C

**. Decomposition temperature:** Not determined.

**. Auto-ignition temperature:** Product is not selfigniting.

**. Explosive properties:** Product is not explosive. However, formation of explosive air/vapour mixtures are possible.

**. Explosion limits:**

<b>Lower:</b>	1,1 Vol %
<b>Upper:</b>	10,8 Vol %

**. Vapour pressure at 20 °C:** 6,7 hPa

<b>. Density at 20 °C:</b>	1,2 g/cm <sup>3</sup>
<b>. Relative density</b>	Not determined.
<b>. Vapour density</b>	Not determined.
<b>. Evaporation rate</b>	Not determined.

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- |  |  |
|--|--|
| <b>. Solubility in / Miscibility with water:</b> | Not miscible or difficult to mix.          |
| <b>. Partition coefficient: n-octanol/water:</b> | Not determined.                            |
| <b>. Viscosity:</b>                              |  |
| <b>Dynamic:</b>                                  | Not determined.                            |
| <b>Kinematic:</b>                                | Not determined.                            |
| <b>. Solvent content:</b>                        |  |
| <b>Organic solvents:</b>                         |  |
| <b>VOC (EC)</b>                                  | 469 g/l                                    |
| <b>. 9.2 Other information</b>                   | No further relevant information available. |

### SECTION 10: Stability and reactivity

- . **10.1 Reactivity** No further relevant information available.
- . **10.2 Chemical stability**
- . **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- . **10.3 Possibility of hazardous reactions** No dangerous reactions known.
- . **10.4 Conditions to avoid** No further relevant information available.
- . **10.5 Incompatible materials:** No further relevant information available.
- . **10.6 Hazardous decomposition products:** No dangerous decomposition products known.

### SECTION 11: Toxicological information

- . **11.1 Information on toxicological effects**
- . **Acute toxicity**  
Harmful in contact with skin or if inhaled.

#### . LD/LC50 values relevant for classification:

##### ATE (Acute Toxicity Estimates)

Dermal	LD50	14286 mg/kg (Rabbit)
Inhalative	LC50/4 h	38,2 mg/l

##### 1330-20-7 xylene

Oral	LD50	4300 mg/kg (Rat)
Dermal	LD50	2000 mg/kg (Rabbit)
Inhalative	LC50/4 h	11 mg/l (ATE)

- . **Primary irritant effect:**
- . **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- . **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- . **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- . **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- . **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- . **Carcinogenicity** Based on available data, the classification criteria are not met.
- . **Reproductive toxicity** Based on available data, the classification criteria are not met.
- . **STOT-single exposure** Based on available data, the classification criteria are not met.
- . **STOT-repeated exposure** Based on available data, the classification criteria are not met.

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. **Aspiration hazard** Based on available data, the classification criteria are not met.


### SECTION 12: Ecological information

- . **12.1 Toxicity**
- . **Aquatic toxicity:** No further relevant information available.
- . **12.2 Persistence and degradability** No further relevant information available.
- . **12.3 Bioaccumulative potential** No further relevant information available.
- . **12.4 Mobility in soil** No further relevant information available.
- . **Additional ecological information:**
- . **General notes:**  
 Water hazard class 2 (German Regulation) (Self-assessment): hazardous for water  
 Do not allow product to reach ground water, water course or sewage system.  
 Danger to drinking water if even small quantities leak into the ground.
- . **12.5 Results of PBT and vPvB assessment**
- . **PBT:** Not applicable.
- . **vPvB:** Not applicable.
- . **12.6 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

- . **13.1 Waste treatment methods**
- . **Recommendation**  
 Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- . **Uncleaned packaging:**
- . **Recommendation:** Disposal must be made according to official regulations.

### SECTION 14: Transport information

- |   |                           |
|---|---------------------------|
| . <b>14.1 UN-Number</b>   |                           |
| . <b>ADR, RID, ADN, IMDG, IATA</b>  | UN1263                    |
| . <b>14.2 UN proper shipping name</b>   |                           |
| . <b>IMDG, IATA</b>   | PAINT RELATED MATERIAL    |
| . <b>14.3 Transport hazard class(es)</b>  |                           |
| . <b>ADR/ RID/ADN</b>   |                           |
|  |                           |
| . <b>Class</b>  | 3 (F1) Flammable liquids. |
| . <b>Label</b>  | 3                         |

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. **IMDG, IATA**

- |                |                      |
|----------------|----------------------|
| . <b>Class</b> | 3 Flammable liquids. |
| . <b>Label</b> | 3                    |

. **14.4 Packing group**

- |                                  |     |
|----------------------------------|-----|
| . <b>ADR,RID,ADN, IMDG, IATA</b> | III |
|----------------------------------|-----|

. **14.5 Environmental hazards:**

Not applicable.

. **14.6 Special precautions for user**

Warning: Flammable liquids.

. **Danger code (Kemler):**

30

. **EMS Number:**F-E, S-E. **Stowage Category**

A

. **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable.

. **Transport/Additional information:**. **ADR/RID/ADN**. **Limited quantities (LQ)**

5L

. **Excepted quantities (EQ)**

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

. **Transport category**

3

. **Tunnel restriction code**

D/E

. **IMDG**. **Limited quantities (LQ)**

5L

. **Excepted quantities (EQ)**

Code: E1

Maximum net quantity per inner packaging: 30 ml

Maximum net quantity per outer packaging: 1000 ml

. **UN "Model Regulation":**

Void

### SECTION 15: Regulatory information

. **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**. **Directive 2012/18/EU**. **Named dangerous substances - ANNEX I** None of the ingredients is listed.. **Seveso category P5a** FLAMMABLE LIQUIDS. **Qualifying quantity (tonnes) for the application of lower-tier requirements** 10 t. **Qualifying quantity (tonnes) for the application of upper-tier requirements** 50 t. **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 3. **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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### SECTION 16: Other information

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

· **Relevant phrases**

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H332 Harmful if inhaled.

H336 May cause drowsiness or dizziness.

H373 May cause damage to organs through prolonged or repeated exposure.

· **Department issuing SDS: R&D DEPARTMENT**

· **Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile Organic Compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Flam. Liq. 1: Flammable liquids – Category 1

Flam. Liq. 2: Flammable liquids – Category 2

Flam. Liq. 3: Flammable liquids – Category 3

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Asp. Tox. 1: Aspiration hazard – Category 1