

# 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 V 7000 M 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. 3 H226 Flammable liquid and vapour.



GHS07

Acute Tox. 4 H312 Harmful in contact with skin.

Acute Tox. 4 H332 Harmful if inhaled.

Skin Irrit. 2 H315 Causes skin irritation.

- . Storage: Store in a well closed container, protected from light, moisture and air at room temperature.

- . 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 Warning
- . Hazard-determining components of labelling:  
xylene  
ethylbenzene
- . Hazard statements  
H226 Flammable liquid and vapour.  
H312+H332 Harmful in contact with skin or if inhaled.  
H315 Causes skin irritation.

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**. Precautionary statements**

- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P241 Use explosion-proof electrical/ventilating/lighting equipment.
- P261 Avoid breathing fume.
- P280 Wear protective gloves / eye protection / face protection.
- P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- 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	25-50%
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	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: 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 wash with water and soap and rinse thoroughly.**. After eye contact:** Rinse opened eye for several minutes under running water.

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- . *After swallowing: If symptoms persist consult doctor.*
- . **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:**  
*CO2, 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.  
Prevent formation of aerosols.  
Open and handle receptacle with care.*
- . **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:** *No special requirements.*
- . **Information about storage in one common storage facility:** *Not required.*
- . **Further information about storage conditions:**  
*Keep container tightly sealed.  
Protect from heat and direct sunlight.  
Store receptacle in a well ventilated area.*

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

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

Do not inhale dust / smoke / mist.

Avoid contact with the skin.

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**

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.

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. **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:**

**Form:** Liquid  
**Colour:** According to product specification

. **Odour:** Characteristic. **Odour threshold:** Not determined.. **pH-value:** Not determined.. **Change in condition****Melting point/freezing point:** Undetermined.**Initial boiling point and boiling range:** Undetermined.. **Flash point:** >21 °C. **Flammability (solid, gas):** Not applicable.. **Ignition temperature:** 315 °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:****Lower:** 1,1 Vol %**Upper:** 10,8 Vol %. **Vapour pressure at 20 °C:** 10,7 hPa. **Density at 20 °C:** 0,983 g/cm<sup>3</sup>. **Relative density** Not determined.. **Vapour density** Not determined.. **Evaporation rate** Not determined.. **Solubility in / Miscibility with water:**

Not miscible or difficult to mix.

. **Partition coefficient: n-octanol/water:** Not determined.. **Viscosity:****Dynamic:** Not determined.

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<b>Kinematic:</b>	Not determined.
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. **Solvent content:**

## Organic solvents:

## VOC (EC)

392 g/l

. **9.2 Other information**

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	7843 mg/kg (Rabbit)
Inhalative	LC50/4 h	40,7 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**  
Causes skin irritation.
- . **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.
- . **Aspiration hazard** Based on available data, the classification criteria are not met.

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### 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                         |
| . <b>IMDG, IATA</b>   |                           |
|  |                           |
| . <b>Class</b>  | 3 Flammable liquids.      |

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. <b>Label</b>	3
. <b>14.4 Packing group</b> . <b>ADR, RID, ADN, IMDG, IATA</b>	III
. <b>14.5 Environmental hazards:</b>	Not applicable.
. <b>14.6 Special precautions for user</b> . <b>Danger code (Kemler):</b> . <b>EMS Number:</b> . <b>Stowage Category</b>	Warning: Flammable liquids. 30 F-E, <u>S-E</u> A
. <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.
. <b>Transport/Additional information:</b>	
. <b>ADR/RID/ADN</b> . <b>Limited quantities (LQ)</b> . <b>Excepted quantities (EQ)</b>	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
. <b>Transport category</b> . <b>Tunnel restriction code</b>	3 D/E
. <b>IMDG</b> . <b>Limited quantities (LQ)</b> . <b>Excepted quantities (EQ)</b>	5L Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
. <b>UN "Model Regulation":</b>	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 P5c FLAMMABLE LIQUIDS**
- . **Qualifying quantity (tonnes) for the application of lower-tier requirements** 5.000 t
- . **Qualifying quantity (tonnes) for the application of upper-tier requirements** 50.000 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.

### 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.

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*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. 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

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