# Safety Data Sheet

**According to Regulation (EC) No. 1907/2006 (REACH) as amended by Regulation (EU) 2020/878**

Revision date: 19/10/2022

## 2 KOMP STRUKTUUR (COMPONENT A)

## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/ UNDERTAKING

### 1.1 Product identifier

**Product name:** 2 KOMP STRUKTUUR (COMPONENT A)
**Article number:** D100051

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

**Relevant identified uses:** Glue. Activator. 2-component product.
**Uses advised against:** None known.

### 1.3 Details of the supplier of the safety data sheet

**Company:** MULTITASK INDUSTRIES
KARNEMELKSTRAAT 12
9060 ZELZATE / BELGIUM
TEL : +32 (0)9 282 43 61
FAX : +32 (0)9 337 04 96
HOMEPAGE: www.multitaskindustries.be
EMAIL: info@multitaskindustries.be

**Information department:**
**Technical information:** info@multitaskindustries.be

### 1.4 Emergency telephone number:

Poison control centre (Brussels): +32 (0)70 245 245

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No. 1272/2008 [CLP]**

| | |
|---|---|
| Flam. Liq. 2 | H225 Highly flammable liquid and vapour. |
| Skin Corr. 1B | H314 Causes severe skin burns and eye damage. |
| Eye Dam.1 | H318 Causes serious eye damage. |
| Skin Sens. 1 | H317 May cause an allergic skin reaction. |
| STOT SE 3 | H335 May cause respiratory irritation. |
| Aquatic Chronic 3 | H412 Harmful to aquatic life with long lasting effects. |

### 2.2 Label elements

**The product is required to be labelled in accordance with regulation (EC) 1272/2008 (CLP)**
**Hazard pictograms:**

**Signal word:** DANGER.

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**Component:** Methyl methacrylate
Methacrylic acid
Cumene hydroperoxide
Tosyl chloride

**Hazard statements:**
H225 Highly flammable liquid and vapour.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H335 May cause respiratory irritation.
H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements:**
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER or doctor/physician.
P501 Dispose of contents/container in accordance with local/national regulation.

### 2.3 Other hazards
**Environmental hazards:** This substance contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
**Other hazards:** Further hazards were not determined with the current level of knowledge.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances
Not applicable.

### 3.2 Mixtures
The product is a mixture.

| Conc. [%] | Component |
|---|---|
| 50 - 70 | Methyl methacrylate |
| | CAS: 80-62-6, EINECS/ELINCS: 201-297-1, EU-INDEX: 607-035-00-6, Reg-No.: 01-2119452498-28-XXXX |
| | GHS/CLP: Flam. Liq. 2: H225 – Skin Irrit. 2: H315 – Skin Sens. 1: H317 – STOT SE 3: H335 |
| 1 - <10 | Urethane Methacrylate Oligomer |
| | CAS: 82339-26-2, EINECS/ELINCS: Polymer |
| | GHS/CLP: Skin Irrit. 2: H315 – Eye Irrit. 2: H319 |

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| | |
|---|---|
| 1 - <10 | Methacrylic acid |
| | CAS: 79-41-4, EINECS/ELINCS: 201-204-4, EU-INDEX : 607-088-00-5, Reg-No: 01-2119463884-26-xxxx |
| | GHS/CLP: Acute Tox. 4: H302 – Acute Tox. 4: H332 – Acute Tox. 3: H311 – Skin Corr. 1A: H314 – Eye Dam. 1: H318 – STOT SE 3: H335 |
| | SCL [%]: 1: STOT SE 3: H335 |
| 1 - <3 | Tosyl chloride |
| | CAS: 98-59-9, EINEC/ELINCS: 202-684-8 |
| | GHS/CLP: Skin Irrit. 2: H315 – Eye Dam. 1: H318 – Skin Sens. 1A: H317 |
| 1 - <1,5 | 2,6-di-tert-butyl-p-cresol |
| | CAS: 128-37-0, EINECS/ELINCS: 204-881-4 |
| | GHS/CLP: Aquatic Acute 1: H400 – Aquatic Chronic 1: H410 |
| | M-factor (acute): 1, M-factor (chronic): 1 |
| 1 - <2,5 | Cumene hydroperoxide |
| | CAS: 80-15-9, EINECS/ELINCS: 201-254-7, EU-INDEX: 617-002-00-8 |
| | GHS/CLP: Org. Perox. E: H242 – Acute Tox. 3: H331 – Acute Tox. 4: H302, H312 – STOT RE 2: H373 – Skin Corr. 1B: H314 – Aquatic Chronic 2: H411 |
| | SCL [%]: 1 - <10: Skin Irrit. 2: H315, >= 10: Skin Corr. 1B: H314, < 10: STOT SE 3: H335, 3 - <10: Eye Dam. 1: H318, 1 - <3: Eye Irrit. 2: H319 |

**Comment on component parts:** Substances of Very High Concern-SVHC: Substances are not contained or are below 0,1%.
For full text of H-statements: see SECTION 16.

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures

**First aid general information:** Remove contaminated soaked clothing immediately and dispose of safely.
**First aid after inhalation:** Esure supply of fresh air. In the event of symptoms seek medical treatment.
**First aid after skin contact:** In case of contact with skin wash off immediately with soap and water. Immediate medical treatment necessary, as untreated burns can result in slow-healing wounds.
**First aid after eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
**First aid after ingestion:** Consult a doctor immediately. Do not induce vomiting. Rinse out mouth and give plenty of water to drink.

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

Product is caustic.

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

Treat symptomatically. Forward this sheet to your doctor.

## 5. FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media

**Suitable extinguishing media:** Carbon dioxide. Water spray jet. Dry powder. Foam.
**Unsuitable extinguishing media:** Full water jet.

### 5.2 Special hazards arising form the substance or mixture
Risk of formation of toxic pyrolysis products.

### 5.3 Advice for firefighters
Use self-contained breathing apparatus.
Cool containers at risk with water spray jet.
Collect contaminated firefighting water separately, must not be discharged into the drains. Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures
Keep away from all sources of ignition. Ensure adequate ventilation. Use personal protective clothing.

### 6.2 Environmental precautions
Prevent spread over a wide area (e.g. by containment or oil barriers). Do not discharge into the drains/surface waters/ground water.

### 6.3 Methods and material for containment and cleaning up
Pick up with absorbent material (e.g. sand, sawdust, universal absorbent, diatomaceous earth). Dispose of absorbed material in accordance within the regulations.

### 6.4 Reference to other sections
See SECTION 8 and 13.

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling
Provide good room ventilation even at ground level (vapours are heavier than air). Avoid contact with eyes and skin. Use personal protective equipment. Place the container in an upright position and protect it against falling over. Open and handle container with care. Take precautionary measures against static discharges. Keep away from all sources of ignition – Refrain from smoking. Vapours can form an explosive mixture with air. Do no teat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Wash hands before breaks and after work. Use barrier skin cream. Take off contaminated clothing and wash before reuse.

### 7.2 Condition of safe storage, including any incompatibilities
Keep only in original container. Do not store together with oxidizing agents. Keep container tightly closed. Keep container in a well-ventilated place. Protect from light. Protect from heat/overheating.

### 7.3 Specific end use(s)
See SECTION 1.2

# 2 KOMP STRUKTUUR (COMPONENT A)

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

**Ingredients with occupational exposure limits to be monitored (BE):**

| **Substance** |
|---|
| **Methyl methacrylate** |
| CAS: 80-62-6, EINECS/ELINCS: 201-297-1, EU-INDEX: 607-035-00-6, Reg-No.: 01-2119452498-28-XXXX |
| TWA: MAC-value, TWA 8h: 205 mg/m³ |
| Short-term exposure (15 minutes): 410 mg/m³ |
| **2,6-di-tert-butyl-p-cresol** |
| CAS: 128-37-0, EINECS/ELINCS: 204-881-4 |
| TWA: MAC-value, TWA 8h: 5 mg/m³, inhalable fraction |

**Ingredients with occupational exposure limits to be monitored (EU):**

| **Substance/EC LIMIT VALUES** |
|---|
| **Methyl methacrylate** |
| CAS: 80-62-6, EINECS/ELINCS: 201-297-1, EU-INDEX: 607-035-00-6, Reg-No.: 01-2119452498-28-XXXX |
| 8 hours: 50 ppm |
| Short-term (15 minutes): 100 ppm |

| **DNEL** | |
|---|---|
| **Methyl methacrylate (80-62-6)** | |
| **DNEL (Industrial)** | |
| Long term – local effects, inhalative | 208 mg/m$^3$ |
| Acute – local effects, inhalative | 416 mg/m³ |
| Long term – systemic effects, dermal | 13,67 mg/kg bw/day |
| Long term - local effects, dermal | 1,5 mg/cm$^2$ |
| Acute - local effects, dermal | 1,5 mg/cm$^2$ |
| Long term - systemic effects, inhalative | 348,4 mg/m$^3$ |
| **DNEL (General population)** | |
| Acute – local effects, dermal | 1,5 mg/cm² |
| Long term - systemic effects, inhalative | 74,3 mg/m$^3$ |
| Long term - local effects, inhalative | 104 mg/m$^3$ |
| Long term - systemic effects, dermal | 8,2 mg/kg bw/day |
| Long term - local effects, dermal | 1,5 mg/cm$^2$ |
| Long term – systemic effects, oral | 8,2 mg/kg bw/day |
| Acute – local effects, inhalative | 208 mg/m³ |
| **Methacrylic acid (79-41-4)** | |
| **DNEL (Industrial)** | |
| Long term - systemic effects, inhalative | 29,6 mg/m$^3$ |
| Long term - local effects, inhalative | 88 mg/m$^3$ |
| Long term - systemic effects, dermal | 4,25 mg/kg bw/day |
| **DNEL (General population)** | |
| Long term - systemic effects, dermal | 2,55 mg/kg bw/day |
| Long term - systemic effects, inhalative | 6,3 mg/m$^3$ |
| Long term - local effects, inhalative | 6,55 mg/m$^3$ |

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| PNEC | |
|---|---|
| **Methyl methacrylate (80-62-6)** | |
| **PNEC (Water)** | |
| PNEC aqua (seawater) | 0,094 mg/l |
| PNEC aqua (freshwater) | 0,94 mg/l |
| **PNEC (Sediments)** | |
| PNEC sediment (freshwater) | 10,2 mg/kg sediment dw |
| PNEC sediment (seawater) | 0,102 mg/kg sediment dw |
| PNEC sediment (seawater) | 1,48 mg/kg soil dw |
| **PNEC (STP)** | |
| PNEC (sewage treatment plants) | 10 mg/l |
| **Methacrylic acid (79-41-4)** | |
| **PNEC (Water)** | |
| PNEC aqua (seawater) | 0,82 mg/l |
| PNEC aqua (freshwater) | 0,82 mg/l |
| **PNEC (Soil)** | |
| PNEC (Soil) | 1,2 mg/kg dw |
| **PNEC (STP)** | |
| PNEC (Sewage treatment plants) | 10 mg/l |

### 8.2 Exposure controls

**Additional advice on system design:** Ensure adequate ventilation on workstation. Measurement methods for taking workplace measurements must meet the performance requirements of DIN EN 482. For example, recommendations are given in the IFA's list of hazardous substances.

**Eye protection:** Safety glasses. (EN 166:2001)

**Hand protection:** The details concerned are recommendations. Please contact the glove supplier for further information.
In full contact: > 0,7 mm, Butyl rubber, >480 min (EN 374-1/-2/-3).
In splash contact: > 0,7 mm, Butyl rubber, >60 min (EN 374-1/-2/-3).

**Skin protection:** Light protective clothing.

**Other:** Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier. Do not inhale vapours. Avoid contact with eyes and skin.

**Respiratory protection:** In the event of occupational exposure limits being exceeded or of inadequate ventilation: wear appropriate respiratory protection. Short term: filter apparatus, filter A. (DIN EN 14387)

**Thermal hazards:** No information available.

**Delimitation and monitoring of the environmental exposition:** Protect the environment by applying appropriate control measures to prevent or limit emissions.

# 2 KOMP STRUKTUUR (COMPONENT A)

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

| | |
|---|---|
| **Physical state:** | Gel. |
| **Colour:** | Amber colour. |
| **Odour:** | Characteristic. |
| **Odour threshold:** | No information available. |
| **pH-value:** | Not applicable. |
| **pH-value [1%]:** | Not applicable. |
| **Boiling point [°C]:** | No information available. |
| **Flash point [°C]:** | 15 |
| **Flammability (solid, gas) [°C]:** | No information available. |
| **Lower explosion limit:** | No information available. |
| **Upper explosion limit:** | No information available. |
| **Oxidising properties:** | No. |
| **Vapour pressure/gas pressure [kPa]:** | No information available. |
| **Density [g/cm³]:** | 0,97 |
| **Relative density:** | No information available. |
| **Bulk density [kg/m³]:** | Not applicable. |
| **Solubility in water:** | Immiscible. |
| **Solubility in other solvents:** | No information available. |
| **Partition coefficient n-octanol/water [log Pow]:** | Not applicable. |
| **Kinematic viscosity:** | No information available. |
| **Relative vapour density:** | No information available. |
| **Evaporation speed:** | No information available. |
| **Melting point [°C]:** | No information available. |
| **Auto-ignition temperature:** | No information available. |
| **Decomposition temperature [°C]:** | No information available. |
| **Particle characteristics:** | Not applicable. |

### 9.2 Other information

**Dynamic viscosity:** 130.000 – 150.000 mPas (20°C).

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity

See SECTION 10.3.

### 10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).

### 10.3 Possibility of hazardous reactions

Evolution of flammable mixtures possible in air when heated above flash point and/or during spraying or misting. Reactions with reducing agents, heavy metals. Reactions with strong oxidizing agents.

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### 10.4 Conditions to avoid
Strong heating.

### 10.5 Incompatible materials
See SECTION 7.

### 10.6 Hazardous decomposition products
Flammable gases/vapours.

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on hazard classes as defined in Regulation (EC) No. 1272/2008
**Acute oral toxicity:**
Product: Based on the available information, the classification criteria are not fulfilled.
Substance:
*Cumene hydroperoxide 80-15-9*
LD50, oral, Rat, 382 mg/kg IUCLID

*Tosyl chloride 98-59-9*
LD10, oral, Rat, 4680 mg/kg bw

*2,6-di-tert-butyl-p-cresol 128-37-0*
LD50, oral, Rat, >2930 mg/kg (Lit.)

*Methyl methacrylate 80-62-6*
LD50, oral, Rat, >5000 mg/kg (OECD 401)

*Methacrylic acid 79-41-4*
LD50, oral, Rat, 1320 mg/kg bw

**Acute dermal toxicity:**
Product: Based on the available information, the classification criteria are not fulfilled.
Substance:
*Cumene hydroperoxide 80-15-9*
LD50, dermal, Rabbit, 0,126 mL/kg bw=133,6 mg/kg bw
LD50, dermal, Rat, 0,5-1,43 mL/kg bw

*2,6-di-tert-butyl-p-cresol 128-37-0*
LD50, dermal, Rabbit, >2000 mg/kg (Lit.)

*Methyl methacrylate 80-62-6*
LD50, dermal, Rabbit, >5000 mg/kg

*Methacrylic acid 79-41-4*
LD50, dermal, Rabbit, 500-1000 mg/kg

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**Acute inhalative toxicity:**
Product: Based on the available information, the classification criteria are not fulfilled.
Substance:
*Cumene hydroperoxide 80-15-9*
LC50, inhalative, Rat, 220 ppm 4h IUCLID

*Methyl methacrylate 80-62-6*
LC50, inhalative, Rat, 29,8 mg/l
*Methacrylic acid 79-41-4*
LC50, inhalation (vapour), Rat, 7,1 mg/l, 4h

**Serious eye damage/irritation:** Risk of serious damage to eyes. Calculation method.
Substance:
*Cumene hydroperoxide 80-15-9*
Causes serious eye damage.

*Tosyl chloride 98-59-9*
Causes serious eye damage.

*2,6-di-tert-butyl-p-cresol 128-37-0*
No adverse effect observed.

*Methyl methacrylate 80-62-6*
Eye, non-irritating.

*Methacrylic acid 79-41-4*
Eye, Rabbit, irritant.

**Skin corrosion/-irritation:** Product is caustic. Calculation method.
Substance:
*Cumene hydroperoxide 80-15-9*
Corrosive.

*Tosyl chloride 98-59-9*
Irritant.

*2,6-di-tert-butyl-p-cresol 128-37-0*
No adverse effect observed.

*Methyl methacrylate 80-62-6*
Dermal, irritant.

*Methacrylic acid 79-41-4*
Dermal, Rabbit, OECD 404, corrosive.

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**Respiratory or skin sensitisation:** May cause an allergic skin reaction. Calculation method.
Substance:
*Tosyl chloride 98-59-9*
Sensitising.

*2,6-di-tert-butyl-p-cresol 128-37-0*
Dermal, no adverse effect observed.

*Methyl methacrylate 80-62-6*
Inhalative, no adverse effect observed.
Dermal, sensitising.

*Methacrylic acid 79-41-4*
Dermal, guinea pig, OECD 406, non-sensitizing.

**Specific target organ toxicity – single exposure:** May cause respiratory irritation. Calculation method.
Substance:
*Cumene hydroperoxide 80-15-9*
Inhalative, adverse effect observed.

*Methyl methacrylate 80-62-6*
Inhalative, irritant.

**Specific target organ toxicity – repeated exposure:** Based on the available information, the classification criteria are not fulfilled.
Substance:
*Cumene hydroperoxide 80-15-9*
Adverse effect observed.

*Methyl methacrylate 80-62-6*
NOAEL, oral, Rat, 124 mg/kg bw/day (chronic), no adverse effect observed.
NOAEC, inhalative, Rat, 2080 mg/m³ (chronic), no adverse effect observed.

*Methacrylic acid 79-41-4*
LOAEC, inhalative, Rat, 250-350 ppm, OECD 413

**Mutagenicity:** Based on the available information, the classification criteria are not fulfilled.
Substance:
*2,6-di-tert-butyl-p-cresol 128-37-0*
In vivo, negative.
In vitro, negative.

*Methyl methacrylate 80-62-6*
In vivo, no adverse effect observed.
In vitro, the effects observed are not sufficient for classification.

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**Reproduction toxicity:** Based on the available information, the classification criteria are not fulfilled.
Substance:
*Cumene hydroperoxide 80-15-9*
NOAEL, oral, Rat, 100 mg/kg bw/day (Effect on developmental toxicity), no adverse effect observed.

*Tosyl chloride 98-59-9*
NOAEL, oral, Rat, 936 mg/kg bw/day (Effect on developmental toxicity), no adverse effect observed.
NOAEL, oral, Rat, 750 mg/kg bw/day (Effect on fertility), no adverse effect observed.

*2,6-di-tert-butyl-p-cresol 128-37-0*
NOAEL, oral, Rat, 25 mg/kg bw/day (Effect on developmental toxicity), the effects observed are not sufficient for classification.

*Methyl methacrylate 80-62-6*
NOAEL, oral, Rabbit, 450 mg/kg bw/day (subacute), no adverse effect observed.
NOAEC, inhalative, Rat, 8300 mg/m³ (subacute), no adverse effect observed.

**Carcinogenicity:** Based on the available information, the classification criteria are not fulfilled.
Substance:
*Methyl methacrylate 80-62-6*
NOAEL, oral, Rat, 90,3 mg/kg bw/day (chronic), no adverse effect observed.
NOAEC, inhalative, Rat, 2050 mg/m³ (chronic), no adverse effect observed.

**Aspiration hazard:** Based on the available information, the classification criteria are not fulfilled.

**General remarks:** Toxicological data of complete product are not available. The toxicity data listed pertaining to the ingredients are intended for those working in the medicinal professions, experts for occupational health and safety and toxicologists. The toxicity data pertaining to the ingredients were supplied by the manufacturer of raw materials.

### 11.2 Information on other hazards
**Endocrine disrupting properties:** No information available.
**Other information:** None.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity
Substance:
*Cumene hydroperoxide 80-15-9*
LC50, (96h), Oncorhynchus mykiss, 3,9 mg/l
EC50, (24h), Daphnia magna, 7 mg/l

*2,6-di-tert-butyl-p-cresol 128-37-0*
LC50, (48h), Oryzias latipes, 5 mg/l (IUCLID)
EC50, (72h), Scenedesmus subspicatus, > 0,42 mg/l (IUCLID)
NOEC, (21d), Daphnia magna, > 0,39 mg/l

*Methyl methacrylate 80-62-6*
LC50, (96h), Oncorhynchus mykiss, > 79 mg/l (OECD 203)
EC50, (72h), Selenastrum capricornutum, > 110 mg/l (OECD 201)
EC50, (48h), Daphnia magna, 69 mg/l (OECD 202)
NOEC, (21d), Daphnia magna, 37 mg/l (OECD 202-2)
NOEC, Danio rerio, 9,4 mg/l (OECD 210)

*Methacrylic acid 79-41-4*
LC50, (96h), Oncorhynchus mykiss, 85 mg/L
EC50, (72h), Algae, 20-45 mg/L
EC50, (48h), Invertebrates, 130 mg/L

### 12.2 Persistence and degradability
**Behaviour in environment compartments:** No information available.
**Behaviour in sewage plant:** No information available.
**Biological degradability:** No information available.

### 12.3 Bioaccumulative potential
No information available.

### 12.4 Mobility in soil
The product is insoluble in water.

### 12.5 Results of PBT and vPvB assessment
Based on all available information not to be classified as PBT or vPvB respectively.

### 12.6 Endocrine disrupting properties
No information available.

### 12.7 Other adverse effects
Ecological data of complete product are not available. Do not discharge product unmonitored into the environment.

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods
Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the costumer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.
**Product:** Dispose of as hazardous waste.
**Waste No. (recommended):** 080409*
**Contaminated packaging:** Packaging that cannot be cleaned should be disposed of as for product.
**Waste No. (recommended):** 150110* packaging containing residues of or contaminated by hazardous substances.

## 2 KOMP STRUKTUUR (COMPONENT A)

### 14. TRANSPORT INFORMATION

**14.1 UN number or ID number**
**ADR:** 2924
**RID:** 2924
**ADN:** 2924
**IMDG:** 2924
**IATA:** 2924

**14.2 UN proper shipping name**
**Transport by land (ADR / RID)**
Flammable liquid, corrosive, n.o.s. (Methyl-methacrylate, Methacrylic acid)
**Classification Code:** FC
**Label:**

**ADR LQ:** 1 l
**ADR 1.1.3.6 (8.6):** Transport category (Tunnel restriction code) 2 (D/E)
**Inland navigation (ADN)**
Flammable liquid, corrosive, n.o.s. (Methyl-methacrylate, Methacrylic acid)
**Classification Code:** FC
**Label:**

**Marine transport (IMDG)**
Flammable liquid, corrosive, n.o.s. (Methyl-methacrylate, Methacrylic acid)
**EMS:** F-E, S-C
**Label:**

**IMDG LQ:** 1 l

**Air transport (IATA)**
Flammable liquid, corrosive, n.o.s. (Methyl-methacrylate, Methacrylic acid mixture)
**Label:**

**14.3 Transport hazard class(es)**
**ADR:** 3 (8)
**RID:** 3 (8)
**ADN:** 3 (8)
**IMDG:** 3 (8)
**IATA:** 3 (8)

**14.4 Packing group**
**ADR:** II
**RID:** II
**ADN:** II
**IMDG:** II
**IATA:** II

**14.5 Environmental hazards**
**ADR:** No.
**RID:** No.
**ADN:** No.
**IMDG:** No.
**IATA:** No.

**14.6 Special precautions for user**
Relevant information under SECTION 6 to 8.

**14.7 Maritime transport in bulk according to IMO instruments**
No information available.

## 15. REGULATORY INFORMATION

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
**EEC-REGULATIONS:** 2008/98/EC (2000/532/EC); 2010/75/EU; 2004/42/EC; (EC) 648/2004; (EC) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EEC ((EC) 2016/2037); (EU) 2020/878; (EU) 2016/131; (EU) 517/2014
**TRANSPORT REGULATIONS:** ADR (2021); IMDG-Code (2021, 40. Amdt.); IATA-DGR (2022)
**NATIONAL REGULATIONS (BE):** Chemical substances with their legal limits.
**Observe employment restrictions for people:** Observe employment restrictions for mothers-to-be and nursing mothers. Observe employment restrictions for young people. SEVESO III (Directive 2012/18/EU), Hazard categories in accordance with Regulation (EC) No. 1272/2008: P5c FLAMMABLE LIQUIDS.
**VOC (2010/75/CE):** 2,93%

**15.2 Chemical safety assessment**
Chemical safety assessments for substances in this mixture were not carried out.

## 2 KOMP STRUKTUUR (COMPONENT A)

## 16. OTHER INFORMATION

### 16.1 Hazard statements

H225: Highly flammable liquid and vapour.
H242: Heating may cause a fire.
H302: Harmful if swallowed.
H302+H312: Harmful if swallowed or in contact with skin.
H311: Toxic in contact with skin.
H314: Causes severe skin burns and eye damage.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H331: Toxic if inhaled.
H332: Harmful if inhaled.
H335: May cause respiratory irritation.
H373: May cause damage to organs through prolonged or repeated exposure.
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.
H411: Toxic to aquatic life with long lasting effects.

### 16.2 Abbreviations and acronyms

ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route.
RID: Règlement concernant le transport international ferroviaire de marchandises dangereuses.
ADN: Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure.
ATE: Acute toxicity estimate.
CAS: Chemical Abstracts Service.
CLP: Classification, Labelling and Packaging.
DMEL: Derived Minimum Effect Level.
DNEL: Derived No Effect Level.
EC50: Median effective concentration.
ECB: European Chemicals Bureau.
EEC: European Economic Community.
EINECS: European Inventory of Existing Commercial Chemical Substances.
ELINCS: European List of Notified Chemical Substances.
EmS: Emergency Schedules.
GHS: Globally Harmonized System of Classification and Labelling of Chemicals.
IATA: International Air Transport Association.
IBC-Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk.
IC50: Inhibition concentration, 50%
IMDG: International Maritime Code for Dangerous Goods.
IUCLID: International Uniform ChemicaL Information Database.
IVIS: In vitro irritation score.
LC50: Lethal concentration, 50%.
LD50: Median lethal dose.
LC0: Lethal concentration, 0%.
LOAEL: Lowest-observed-adverse-effect level.
LL50: Median lethal loading.

## 2 KOMP STRUKTUUR (COMPONENT A)

LQ: Limited Quantities.
MARPOL: International Convention for the Prevention of Marine Pollution from Ships.
NOAEL: No Observed Adverse Effect Level.
NOEC: No Observed Effect Concentration.
PBT: Persistent, Bioaccumulative and Toxic substance.
PNEC: Predicted No-Effect Concentration.
REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals.
STP: Sewage Treatment Plant.
TLV®/TWA: Threshold limit value – time-weighted average.
TLV®STEL: Threshold limit value – short-time exposure limit.
VOC: Volatile Organic Compounds.
vPvB: very Persistent and very Bioaccumulative.

### 16.3 Other information

**Classification procedure:**

Flam. Liq. 2: H225 Highly flammable liquid and vapour. (On basis of test data)
Skin Corr. 1B: H314 Causes severe skin burns and eye damage. (Calculation method)
Eye Dam. 1: H318 Causes serious eye damage. (On basis of test data)
Skin Sens. 1: H317 May cause an allergic skin reaction. (Calculation method)
STOT SE 3: H335 May cause respiratory irritation. (Calculation method)
Aquatic Chronic 3: H412 Harmful to aquatic life with long lasting effects. (Calculation method)

# Safety Data Sheet

**According to Regulation (EC) No. 1907/2006 (REACH) as amended by Regulation (EU) 2020/878**

Revision date: 19/10/2022

## 2 KOMP STRUKTUUR (COMPONENT B)

## 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/ UNDERTAKING

### 1.1 Product identifier

**Product name:** 2 KOMP STRUKTUUR (COMPONENT B)
**Article number:** D100051

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

**Relevant identified uses:** Adhesive. 2-component product.
**Uses advised against:** None known.

### 1.3 Details of the supplier of the safety data sheet

**Company:** MULTITASK INDUSTRIES
KARNEMELKSTRAAT 12
9060 ZELZATE / BELGIUM
TEL : +32 (0)9 282 43 61
FAX : +32 (0)9 337 04 96
HOMEPAGE: www.multitaskindustries.be
EMAIL: info@multitaskindustries.be

**Information department:**
**Technical information:** info@multitaskindustries.be

### 1.4 Emergency telephone number:

Poison control centre (Brussels): +32 (0)70 245 245

## 2. HAZARDS IDENTIFICATION

### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No. 1272/2008 [CLP]**

| | |
|---|---|
| Flam. Liq. 2 | H225 Highly flammable liquid and vapour. |
| Skin. Irrit. 2 | H315 Causes skin irritation. |
| Skin Sens. 1 | H317 May cause an allergic skin reaction. |
| STOT SE 3 | H335 May cause respiratory irritation. |
| Aquatic Chronic 3 | H412 Harmful to aquatic life with long lasting effects. |

### 2.2 Label elements

**The product is required to be labelled in accordance with regulation (EC) 1272/2008 (CLP)**
**Hazard pictograms:**

**Signal word:** DANGER.

**Component:** Methyl methacrylate

# 2 KOMP STRUKTUUR (COMPONENT B)

**Hazard statements:**
H225 Highly flammable liquid and vapour.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H335 May cause respiratory irritation.
H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements:**
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P501 Dispose of contents/container in accordance with local/national regulation.

### 2.3 Other hazards
**Environmental hazards:** This substance contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.
**Other hazards:** Further hazards were not determined with the current level of knowledge.

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### 3.1 Substances
Not applicable.

### 3.2 Mixtures
The product is a mixture

| Conc. [%] | Component |
|---|---|
| 70-90 | Methyl methacrylate |
| | CAS: 80-62-6, EINECS/ELINCS: 201-297-1, EU-INDEX: 607-035-00-6, Reg-No.: 01-2119452498-28-XXXX |
| | GHS/CLP: Flam. Liq. 2: H225 – Skin Irrit. 2: H315 – Skin Sens. 1: H317 – STOT SE 3: H335 |
| 1 - <10 | 3,5-Diethyl-1,2-dihydro-1-phenyl-2-propylpyridine |
| | CAS: 34562-31-7, EINECS/ELINCS: 252-091-3 |
| | GHS/CLP: Acute Tox. 4: H302, H312 – Skin Irrit. 2: H315 – Eye Irrit. 2: H319 – Aquatic Chronic 4: H413 |
| 0,25 - <1 | 2,6-di-tert-butyl-p-cresol |
| | CAS: 128-37-0, EINECS/ELINCS: 204-881-4 |
| | GHS/CLP: Aquatic Acute 1: H400 – Aquatic Chronic 1: H410 |
| | M-factor (acute): 1, M-factor (chronic): 1 |

**Comment on component parts:** Substances of Very High Concern-SVHC: Substances are not contained or are below 0,1%.
For full text of H-statements: see SECTION 16.

# 2 KOMP STRUKTUUR (COMPONENT B)

## 4. FIRST AID MEASURES

### 4.1 Description of first aid measures
**First aid general information:** Remove contaminated soaked clothing immediately and dispose of safely.
**First aid after inhalation:** Esure supply of fresh air. In the event of symptoms seek medical treatment.
**First aid after skin contact:** In case of contact with skin wash off immediately with soap and water. Consult a doctor if skin irritation persists.
**First aid after eye contact:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
**First aid after ingestion:** Consult a doctor immediately. Do not induce vomiting. Rinse out mouth and give plenty of water to drink.

### 4.2 Most important symptoms and effects, both acute and delayed
Product is caustic.

### 4.3 Indication of any immediate medical attention and special treatment needed
Treat symptomatically. Forward this sheet to your doctor.

## 5. FIRE-FIGHTING MEASURES

### 5.1 Extinguishing media
**Suitable extinguishing media:** Carbon dioxide. Water spray jet. Dry powder. Foam.
**Unsuitable extinguishing media:** Full water jet.
### 5.2 Special hazards arising form the substance or mixture
Risk of formation of toxic pyrolysis products.

### 5.3 Advice for firefighters
Use self-contained breathing apparatus.
Cool containers at risk with water spray jet.
Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

## 6. ACCIDENTAL RELEASE MEASURES

### 6.1 Personal precautions, protective equipment and emergency procedures
Keep away from all sources of ignition. Ensure adequate ventilation. High risk of slipping due to leakage/spillage of product. Use personal protective clothing.

### 6.2 Environmental precautions
Prevent spread over a wide area (e.g. by containment or oil barriers). Do not discharge into the drains/surface waters/ground water.

### 6.3 Methods and material for containment and cleaning up
Take up mechanically. Take up residues with absorbent material (e.g. sand). Dispose of absorbed material in accordance within the regulations.

### 6.4 Reference to other sections
See SECTION 8 and 13.

# 2 KOMP STRUKTUUR (COMPONENT B)

## 7. HANDLING AND STORAGE

### 7.1 Precautions for safe handling
Use only in well-ventilated areas. Vacuuming in situ required. Avoid contact with eyes and skin. Use personal protective equipment. Vapours van form and explosive mixture with air. Keep away from all sources of ignition – Refrain from smoking. Ignitable mixtures can be formed in the empty container. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using the product. After worktime and before work breaks the affected skin areas must be thoroughly cleaned. Use barrier skin cream. Take off contaminated clothing and wash before reuse.

### 7.2 Condition of safe storage, including any incompatibilities
Keep only in original container. Do not store together with oxidizing agents. Keep container tightly closed. Keep container in a well-ventilated place. Protect from heat/overheating.

### 7.3 Specific end use(s)
See SECTION 1.2

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters
**Ingredients with occupational exposure limits to be monitored (BE):**

| **Substance** |
|---|
| **Methyl methacrylate** |
| CAS: 80-62-6, EINECS/ELINCS: 201-297-1, EU-INDEX: 607-035-00-6, Reg-No.: 01-2119452498-28-XXXX |
| TWA: MAC-value, TWA 8 hours: 205 mg/m³ |
| Short-term (15 minutes): 410 mg/m³ |
| **2,6-di-tert-butyl-p-cresol** |
| CAS: 128-37-0, EINECS/ELINCS: 204-881-4 |
| TWA: MAC-value, TWA 8 hours: 5 mg/m³, inhalable fraction |
| **Naphtha (petroleum), hydrodesulfurised heavy** |
| CAS: 64742-82-1, EINECS/ELINCS: 265-185-4, EU-INDEX: 649-330-00-2 |
| TWA: MAC-value, TWA 8 hours: 100 ppm, 525 mg/m³, OSHA |

**Ingredients with occupational exposure limits to be monitored (EU):**

| **Substance/EC LIMIT VALUES** |
|---|
| **Methyl methacrylate** |
| CAS: 80-62-6, EINECS/ELINCS: 201-297-1, EU-INDEX: 607-035-00-6, Reg-No.: 01-2119452498-28-XXXX |
| 8 hours: 50 ppm |
| Short-term (15 minutes): 100 ppm |

| **DNEL** | |
|---|---|
| **Methyl methacrylate (80-62-6)** | |
| **DNEL (Industrial)** | |
| Long term – local effects, inhalative | 208 mg/m3 |
| Acute – local effects, inhalative | 416 mg/m³ |
| Long term – systemic effects, dermal | 13,67 mg/kg bw/day |
| Long term - local effects, dermal | 1,5 mg/cm2 |
| Acute - local effects, dermal | 1,5 mg/cm2 |

# 2 KOMP STRUKTUUR (COMPONENT B)

| | |
|---|---|
| Long term - systemic effects, inhalative | 348,4 mg/m3 |
| **DNEL (General population)** | |
| Acute – local effects, dermal | 1,5 mg/cm² |
| Long term - systemic effects, inhalative | 74,3 mg/m3 |
| Long term - local effects, inhalative | 104 mg/m3 |
| Long term - systemic effects, dermal | 8,2 mg/kg bw/day |
| Long term - local effects, dermal | 1,5 mg/cm2 |
| Long term – systemic effects, oral | 8,2 mg/kg bw/day |
| Acute – local effects, inhalative | 208 mg/m³ |

| PNEC | |
|---|---|
| **Methyl methacrylate (80-62-6)** | |
| **PNEC (Water)** | |
| PNEC aqua (seawater) | 0,094 mg/l |
| PNEC aqua (freshwater) | 0,94 mg/l |
| **PNEC (Sediments)** | |
| PNEC sediment (freshwater) | 10,2 mg/kg sediment dw |
| PNEC sediment (seawater) | 0,102 mg/kg sediment dw |
| PNEC sediment (seawater) | 1,48 mg/kg soil dw |
| **PNEC (STP)** | |
| PNEC (sewage treatment plants) | 10 mg/l |

### 8.2 Exposure controls

**Additional advice on system design:** Ensure adequate ventilation on workstation. Measurements methods for taking workplace measurements must meet the performance requirements of DIN EN 482. For example, recommendations are given in the IFA's list of hazardous substances.
**Eye protection:** Safety glasses. (EN 166:2001)
**Hand protection:** The details concerned are recommendations. Please contact the glove supplier for further information.
In full contact: > 0,4 mm, Butyl rubber, >480 min (EN 374-1/-2/-3).
In splash contact: > 0,4 mm, Butylgummi, >120 min (EN 374-1/-2/-3).
**Skin protection:** Light protective clothing.
**Other:** Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier.
**Respiratory protection:** In the event of occupational exposure limits being exceeded or of inadequate ventilation: wear appropriate respiratory protection, filter AX. (DIN EN 14387)
**Thermal hazards:** No information available.
**Delimitation and monitoring of the environmental exposition:** Comply with applicable environmental regulations limiting discharge to air, water and soil.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties

| | |
|---|---|
| **Physical state:** | Gel. |
| **Colour:** | Amber colour. |
| **Odour:** | Characteristic. |
| **Odour threshold:** | No information available. |

## 2 KOMP STRUKTUUR (COMPONENT B)

| | |
|---|---|
| **pH-value:** | Not applicable. |
| **pH-value [1%]:** | Not applicable. |
| **Boiling point [°C]:** | No information available. |
| **Flash point [°C]:** | 15 |
| **Flammability (solid, gas) [°C]:** | No information available. |
| **Lower explosion limit:** | No information available. |
| **Upper explosion limit:** | No information available. |
| **Oxidising properties:** | No. |
| **Vapour pressure/gas pressure [kPa]:** | No information available. |
| **Density [g/cm³]:** | 0,95 |
| **Relative density:** | No information available. |
| **Bulk density [kg/m³]:** | Not applicable. |
| **Solubility in water:** | Immiscible. |
| **Solubility in other solvents:** | No information available. |
| **Partition coefficient n-octanol/water [log Pow]:** | Not applicable. |
| **Kinematic viscosity:** | No information available. |
| **Relative vapour density:** | No information available. |
| **Evaporation speed:** | No information available. |
| **Melting point [°C]:** | No information available. |
| **Auto-ignition temperature:** | No information available. |
| **Decomposition temperature [°C]:** | No information available. |
| **Particle characteristics:** | Not applicable. |

### 9.2 Other information
**Dynamic viscosity:** 150.000 – 200.000 mPas (20°C).

## 10. STABILITY AND REACTIVITY

### 10.1 Reactivity
See SECTION 10.3.

### 10.2 Chemical stability
Stable under normal ambient conditions (ambient temperature).

### 10.3 Possibility of hazardous reactions
Reactions with strong alkalis and oxidizing agents. Evolution of flammable mixtures possible in air when heated above flash point and/or during spraying or misting. Reactions with strong acids.

### 10.4 Conditions to avoid
Strong heating.

### 10.5 Incompatible materials
See SECTION 7.

### 10.6 Hazardous decomposition products
Flammable gases/vapours.

# 2 KOMP STRUKTUUR (COMPONENT B)

## 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on hazard classes as defined in Regulation (EG) No. 1272/2008

**Acute oral toxicity:**
Product: ATE-mix, oral, > 2000 mg/kg
Substance:
*2,6-di-tert-butyl-p-cresol 128-37-0*
LD50, oral, Rat, >2930 mg/kg (Lit.)

*Methyl methacrylate 80-62-6*
LD50, oral, Rat, >5000 mg/kg (OECD 401)

**Acute dermal toxicity:**
Product: ATE-mix, dermal, > 2000 mg/kg
Substance:
*2,6-di-tert-butyl-p-cresol 128-37-0*
LD50, dermal, Rabbit, >2000 mg/kg (Lit.)

*Methyl methacrylate 80-62-6*
LD50, dermal, Rabbit, >5000 mg/kg

**Acute inhalational toxicity:**
Product: Based on the available information, the classification criteria are not fulfilled.
Substance:
*Methyl methacrylate 80-62-6*
LC50, inhalative, Rat, 29,8 mg/l

**Serious eye damage/irritation:** Based on the available information, the classification criteria are not fulfilled.
Substance:
*2,6-di-tert-butyl-p-cresol 128-37-0*
No adverse effect observed.

*Methyl methacrylate 80-62-6*
Eye, non-irritating.

**Skin corrosion/-irritation:** Irritant. Calculation method.
Substance:
*2,6-di-tert-butyl-p-cresol 128-37-0*
No adverse effect observed.

*Methyl methacrylate 80-62-6*
Dermal, irritant.

**Respiratory or skin sensitisation:** May cause an allergic skin reaction. Calculation method.
Substance:
*2,6-di-tert-butyl-p-cresol 128-37-0*
Dermal, no adverse effect observed.

## 2 KOMP STRUKTUUR (COMPONENT B)

*Methyl methacrylate 80-62-6*
Inhalative, no adverse effect observed.
Dermal, sensitising.

**Specific target organ toxicity – single exposure:** May cause respiratory irritation. Calculation method.
Substance:
*Methyl methacrylate 80-62-6*
Inhalative, irritant.

**Specific target organ toxicity – repeated exposure:** Based on the available information, the classification criteria are not fulfilled.
Substance:
*Methyl methacrylate 80-62-6*
NOAEL, oral, Rat, 124 mg/kg bw/day (chronic), no adverse effect observed.
NOAEC, inhalative, Rat, 2080 mg/m³ (chronic), no adverse effect observed.

**Mutagenicity:** Based on the available information, the classification criteria are not fulfilled.
Substance:
*2,6-di-tert-butyl-p-cresol 128-37-0*
In vivo, negative.
In vitro, negative.

*Methyl methacrylate 80-62-6*
In vivo, no adverse effect observed.
In vitro, the effects observed are not sufficient for classification.

**Reproduction toxicity:** Based on the available information, the classification criteria are not fulfilled.
Substance:
*2,6-di-tert-butyl-p-cresol 128-37-0*
NOAEL, oral, Rat, 25 mg/kg bw/day (Effect op reproduction toxicity), the effects observed are not sufficient for classification.

*Methyl methacrylate 80-62-6*
NOAEL, oral, Rabbit, 450 mg/kg bw/day (subacute), no adverse effect observed.
NOAEC, inhalative, Rat, 8300 mg/m³ (subacute), no adverse effect observed.

**Carcinogenicity:** Based on the available information, the classification criteria are not fulfilled.
Substance:
*Methyl methacrylate 80-62-6*
NOAEL, oral, Rat, 90,3 mg/kg bw/day (chronic), no adverse effect observed.
NOAEC, inhalative, Rat, 2050 mg/m³ (chronic), no adverse effect observed.

**Aspiration hazard:** Based on the available information, the classification criteria are not fulfilled.

**General remarks:** Toxicological data of complete product are not available. The toxicity data listed pertaining to the ingredients are intended for those working in the medicinal professions, experts for occupational health and safety and toxicologists. The toxicity data pertaining to the ingredients were supplied by the manufacturer of raw materials.

## 2 KOMP STRUKTUUR (COMPONENT B)

### 11.2 Information on other hazards
**Endocrine disrupting properties:** No information available.
**Other information:** None.

## 12. ECOLOGICAL INFORMATION

### 12.1 Toxicity
Substance:
*2,6-di-tert-butyl-p-cresol 128-37-0*
LC50, (48h), Oryzias latipes, 5 mg/l (IUCLID)
EC50, (72h), Scenedesmus subspicatus, > 0,42 mg/l (IUCLID)
NOEC, (21d), Daphnia magna, > 0,39 mg/l

*Methyl methacrylate 80-62-6*
LC50, (96h), Oncorhynchus mykiss, > 79 mg/l (OECD 203)
EC50, (72h), Selenastrum capricornutum, > 110 mg/l (OECD 201)
EC50, (48h), Daphnia magna, 69 mg/l (OECD 202)
NOEC, (21d), Daphnia magna, 37 mg/l (OECD 202-2)
NOEC, Danio rerio, 9,4 mg/l (OECD 210)

### 12.2 Persistence and degradability
**Behaviour in environment compartments:** No information available.
**Behaviour in sewage plant:** No information available.
**Biological degradability:** No information available.

### 12.3 Bioaccumulative potential
No information available.

### 12.4 Mobility in soil
Spillages may penetrate the soil causing ground water contamination.

### 12.5 Results of PBT and vPvB assessment
Based on all available information not to be classified as PBT or vPvB respectively.

### 12.6 Endocrine disrupting properties
No information available.

### 12.7 Other adverse effects
Ecological data of complete product are not available.

## 13. DISPOSAL CONSIDERATIONS

### 13.1 Waste treatment methods
Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

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**Product:** Dispose of as hazardous waste. Disposal in an incineration plant in accordance with the regulations of the local authorities.
**Waste No. (recommended):** 080409*
**Contaminated packaging:** Uncontaminated packaging may be taken for recycling. Packaging that cannot be cleaned should be disposed of as for product.
**Waste No. (recommended):** 150110* packaging containing residues of or contaminated by hazardous substances.

## 14. TRANSPORT INFORMATION

### 14.1 UN number or ID number
**ADR:** 1133
**RID:** 1133
**ADN:** 1133
**IMDG:** 1133
**IATA:** 1133

### 14.2 UN proper shipping name
**Transport by land (ADR / RID)**
Adhesives
**Classification Code:** F1
**Label:**


**ADR LQ:** 5 l
**ADR 1.1.3.6 (8.6):** Transport category (tunnel restriction code) 2 (D/E)

**Inland navigation (ADN)**
Adhesives
**Classification Code:** F1
**Label:**


**Marine transport (IMDG)**
Adhesives
**EMS:** F-E, S-D
**Label:**


**IMDG LQ:** 5 l

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**Air transport (IATA)**
Adhesives
**Label:**


### 14.3 Transport hazard class(es)
**ADR:** 3
**RID:** 3
**ADN:** 3
**IMDG:** 3
**IATA:** 3

### 14.4 Packing group
**ADR:** II
**RID:** II
**ADN:** II
**IMDG:** II
**IATA:** II

### 14.5 Environmental hazards
**ADR:** No.
**RID:** No.
**ADN:** No.
**IMDG:** No.
**IATA:** No.

### 14.6 Special precautions for user
Relevant information under SECTION 6 tot 8.

### 14.7 Maritime transport in bulk according to IMO instruments
No information available.

## 15. REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
**EEC-REGULATIONS:** 2008/98/EC (2000/532/EC); 2010/75/EU; 2004/42/EC; (EC) 648/2004; (EC) 1907/2006 (REACH); (EU) 1272/2008; 75/324/EEC ((EC) 2016/2037); (EU) 2020/878; (EU) 2016/131; (EU) 517/2014
**TRANSPORT REGULATIONS:** ADR (2021); IMDG-Code (2021, 40. Amdt.); IATA-DGR (2022)
**NATIONAL REGULATIONS (BE):** Chemical substances with their legal limits.
**Observe employment restrictions for people:** Observe employment restrictions for mothers-to-be and nursing mothers. Observe employment restrictions for young people. SEVESO III (Directive 2012/18/EU), Hazard categories in accordance with Regulation (EC) No. 1272/2008: P5c FLAMMABLE LIQUIDS.
**VOC (2010/75/CE):** 2,93%

### 15.2 Chemical safety assessment
Chemical safety assessments for substances in this mixture were not carried out.

## 16. OTHER INFORMATION

### 16.1 Hazard statements
H225: Highly flammable liquid and vapour.
H302+H312: Harmful if swallowed or in contact with skin.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.
H413: May cause long lasting harmful effects to aquatic life.

### 16.2 Abbreviations and acronyms
ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route.
RID: Règlement concernant le transport international ferroviaire de marchandises dangereuses.
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EmS: Emergency Schedules.
GHS: Globally Harmonized System of Classification and Labelling of Chemicals.
IATA: International Air Transport Association.
IBC-Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk.
IC50: Inhibition concentration, 50%
IMDG: International Maritime Code for Dangerous Goods.
IUCLID: International Uniform ChemicaL Information Database.
IVIS: In vitro irritation score.
LC50: Lethal concentration, 50%.
LD50: Median lethal dose.
LC0: Lethal concentration, 0%.
LOAEL: Lowest-observed-adverse-effect level.
LL50: Median lethal loading.
LQ: Limited Quantities.
MARPOL: International Convention for the Prevention of Marine Pollution from Ships.
NOAEL: No Observed Adverse Effect Level.
NOEC: No Observed Effect Concentration.
PBT: Persistent, Bioaccumulative and Toxic substance.
PNEC: Predicted No-Effect Concentration.

# 2 KOMP STRUKTUUR (COMPONENT B)

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals.
STP: Sewage Treatment Plant.
TLV®/TWA: Threshold limit value – time-weighted average.
TLV®STEL: Threshold limit value – short-time exposure limit.
VOC: Volatile Organic Compounds.
vPvB: very Persistent and very Bioaccumulative.

## 16.3 Other information

**Classification procedure:**

Flam. Liq. 2: H225 Highly flammable liquid and vapour. (On basis of test data)
Skin Irrit. 2: H315 Causes skin irritation. (Calculation method)
Skin Sens. 1: H317 May cause an allergic skin reaction. (Calculation method)
STOT SE 3: H335 May cause respiratory irritation. (Calculation method)
Aquatic Chronic 3: H412 Harmful to aquatic life with long lasting effects. (Calculation method)