SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name: EUKITT
Cat. No. 41000004
Container size: 500 ml

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

Application: Adhesive.
Uses advised against: No specific uses advised against are identified. (*)

1.3. Details of the supplier of the safety data sheet

Supplier: Struers ApS
Pederstrupvej 84
DK-2750 Ballerup
Tel:+45 44 600 800

Responsible for safety data sheet authoring: Responsible for safety data sheet authoring: DHI
Any questions to the contents of this safety data sheet should be sent to:
struers@struers.dk

1.4. Emergency telephone number

NHS: 111
+45 44 600 800
(Only during office hours)
SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

CLP:
- Flam. Liq. 3:H226
- Acute Tox. 4:H312
- Acute Tox. 4:H332
- Skin Irrit. 2:H315
- Eye Irrit. 2:H319
- STOT SE 3;H335
- STOT RE 2;H373

2.2. Label elements

Warning

Contains:
- Xylene
  - Flammable liquid and vapour.
- H312 Harmful in contact with skin.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H373 May cause damage to organs through prolonged or repeated exposure.
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P260 Do not breathe dust/fume/gas/mist/vapours/spray.
- P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection.
- P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P314 Get medical advice/attention if you feel unwell.
  - Contains n-Butyl methacrylate, Methyl methacrylate. May produce an allergic reaction.

2.3. Other hazards

Vapours have a narcotic effect and may cause headache, fatigue, dizziness and nausea. The product contains a substance which has a photochemical ozone creation potential.

PBT/vPvB:
- No information available.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures
The product contains: organic solvent and acrylic resin.

CLP:

<table>
<thead>
<tr>
<th>%</th>
<th>CAS-No.</th>
<th>EC No.</th>
<th>REACH Reg. No:</th>
<th>Chemical name</th>
<th>Hazard classification</th>
<th>Notes</th>
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<td>215-535-7</td>
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<td></td>
<td>Acute Tox. 4;H332</td>
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<td>Eye Irrit. 2;H319</td>
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<td>01-2119489370-35-xxxx</td>
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<td>Flam. Liq. 2;H225</td>
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<td>STOT RE 2;H373</td>
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<td></td>
<td>Asp. Tox. 1;H304</td>
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<td>Aquatic Chronic 3;H412</td>
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<td>97-88-1</td>
<td>202-615-1</td>
<td>-</td>
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<td>Flam. Liq. 3;H226</td>
<td>D</td>
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<td>Eye Irrit. 2;H319</td>
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<td>STOT SE 3;H335</td>
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<td>Skin Irrit. 2;H315</td>
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<tr>
<td>0.1-&lt;1</td>
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<td>201-297-1</td>
<td>-</td>
<td>Methyl methacrylate</td>
<td>Flam. Liq. 2;H225</td>
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<td>Skin Irrit. 2;H315</td>
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<td>Skin Sens. 1;H317</td>
<td></td>
</tr>
</tbody>
</table>

References: The full text for all hazard statements is displayed in section 16.
SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital.

Inhalation: Move injured person into fresh air and keep person calm under observation. If uncomfortable: Seek hospital and bring these instructions.

Skin contact: Remove contaminated clothing immediately and wash skin with soap and water. In case of rashes, wounds or other skin disorders: Seek medical attention and bring along these instructions.

Eye contact: Immediately flush with plenty of water for at least 15 minutes. Remove any contact lenses and open eyelids widely. If irritation persists: Seek medical attention and bring along these instructions.

Ingestion: Immediately rinse mouth and drink plenty of water or milk. Keep person under observation. Do not induce vomiting. If vomiting occurs, keep head low. Transport immediately to hospital and bring along these instructions.

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

Symptoms/effects: See section 11 for more detailed information on health effects and symptoms.

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

Medical attention/treatments: Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media: Extinguish with foam, carbon dioxide, dry powder or water fog. Cool containers exposed to heat with water spray and remove container, if no risk is involved. Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards: When heated and in case of fire, harmful vapours/gases may be formed.

5.3. Advice for firefighters

Protective equipment for firefighters: Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace.
SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:
Avoid inhalation of vapours and contact with skin and eyes. Do not smoke or use open fire, or other sources of ignition. For personal protection, see section 8.

For emergency responders:
No specific recommendations. For personal protection, see section 8.

6.2. Environmental precautions

Environmental precautions:
Avoid discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up:
Absorb spillage with non-combustible, absorbent material. Do not use sawdust or other combustible material.

6.4. Reference to other sections

References:
For personal protection, see section 8. For waste disposal, see section 13.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Safe handling advice:
Avoid inhalation of vapours and contact with skin and eyes. Do not smoke or use open fire, or other sources of ignition. Observe good chemical hygiene practices.

Technical measures:
Work practice should minimise contact.

Technical precautions:
Local exhaust is recommended.

7.2. Conditions for safe storage, including any incompatibilities

Technical measures for safe storage:
Follow rules for flammable liquids.

Storage conditions:
Store in a cool and well-ventilated place. Avoid contact with oxidising agents.

7.3. Specific end use(s)

Specific use(s):
No information available.
SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

#### Occupational exposure limits:

<table>
<thead>
<tr>
<th>CAS-No.</th>
<th>Chemical name</th>
<th>As:</th>
<th>Exposure limits:</th>
<th>Type:</th>
<th>Notes:</th>
<th>References</th>
</tr>
</thead>
<tbody>
<tr>
<td>1330-20-7</td>
<td>Xylene, o-, m-, p- or mixed isomers</td>
<td>50 ppm</td>
<td>220 mg/m³</td>
<td>TWA</td>
<td>Sk</td>
<td>EH40</td>
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<tr>
<td></td>
<td></td>
<td>100 ppm</td>
<td>441 mg/m³</td>
<td>STEL</td>
<td>Sk; 15min</td>
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<td>80-62-6</td>
<td>Methyl methacrylate</td>
<td>50 ppm</td>
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<td>TWA</td>
<td>-</td>
<td>EH40</td>
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<td></td>
<td>100 ppm</td>
<td>416 mg/m³</td>
<td>STEL</td>
<td>15min</td>
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<tr>
<td>100-41-4</td>
<td>Ethylbenzene</td>
<td>100 ppm</td>
<td>441 mg/m³</td>
<td>TWA</td>
<td>Sk</td>
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<td>125 ppm</td>
<td>552 mg/m³</td>
<td>STEL</td>
<td>Sk; 15min</td>
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</tr>
</tbody>
</table>

**Notes:**
- Sk: Can be absorbed through skin.

### 8.2. Exposure controls

**Engineering measures:** Provide adequate ventilation. Observe Occupational Exposure Limits and minimise the risk of inhalation of vapours. Provide easy access to water supply or an emergency shower.

**Personal protection:** Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.

**Respiratory equipment:** In case of inadequate ventilation: Use respiratory equipment with gas filter, type A2.

**Hand protection:** Wear protective gloves. Use protective gloves made of: Viton rubber (fluor rubber). The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material. Breakthrough time: ≥480 min Thickness: ≥ 0.7 mm (*)

**Eye protection:** Risk of splashes: Wear goggles/face shield.

**Skin protection:** Wear apron or protective clothing in case of splashes.

**Environmental Exposure Controls:** Not available.
SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Form: Liquid.
Colour: Colourless.
Odour: of solvents
Odour threshold: Not available.
pH: Not available.
Melting point: Not available.
Boiling point: 136°C / 276.8°F
Flash point: 23°C / 73.4°F
Evaporation rate: Not available.
Flammability (solid, gas): Not available.
Explosive limits: 0.9 - 7% (Xylene)
Vapour pressure: 8 hPa (Xylene) (20°C)
Vapour density: Not available.
Relative density: 0.95
Solubility: insoluble in water
Soluble in: Ethanol
Partition coefficient (n-octanol/water): Not available.
Auto-ignition temperature (°C): >250°C / >482°F
Decomposition temperature (°C): Not available.
Viscosity: Dynamic viscosity: 250-450 mPas (20°C)
Kinematic viscosity: 200-400 mm²/s (20°C)
Explosive properties: Not available.
Oxidising properties: Not available.

9.2. Other information

Other data: Volatile Organic Compound (VOC): 570 g/l (calculated)
SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity
Reactivity: No data available.

10.2. Chemical stability
Stability: Stable under normal temperature conditions.

10.3. Possibility of hazardous reactions
Hazardous Reactions: No data available.

10.4. Conditions to avoid
Conditions/materials to avoid: Avoid heat, flames and other sources of ignition.

10.5. Incompatible materials
Incompatible materials: Avoid contact with oxidising agents.

10.6. Hazardous decomposition products
Hazardous decomposition products: During fire, toxic gases (CO, CO2) are formed.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects
Acute Toxicity (Oral): Based on available data, the classification criteria are not met.
Acute Toxicity (Dermal): Harmful in contact with skin.
Acute Toxicity (Inhalation): Harmful if inhaled.
Skin Corrosion/Irritation: Causes skin irritation.
Serious eye damage/irritation: Causes serious eye irritation.
Respiratory or skin sensitisation: Based on available data, the classification criteria are not met.
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: May cause respiratory irritation.
STOT - Repeated exposure: May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard: Vapours have a narcotic effect and may cause headache, fatigue, dizziness and nausea.
Inhalation: The product contains xylene which may penetrate the skin.
Ingestion: May irritate and cause malaise.
Specific effects: Frequent inhalation of even small concentrations may cause irritability, fatigue, memory failure and in time permanent damage to the nervous system, including the brain, and possibly liver and kidneys, too.
SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity
Ecotoxicity: The product contains a substance which has a photochemical ozone creation potential.

12.2. Persistence and degradability
Degradability: The degradability of the product has not been stated.

12.3. Bioaccumulative potential
Bioaccumulative potential: No data available on bioaccumulation.

12.4. Mobility in soil
Mobility: No data available.

12.5. Results of PBT and vPvB assessment
PBT/vPvB: No information available.

12.6. Other adverse effects
Other adverse effects: No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods
Waste from residues: Dispose of waste and residues in accordance with local authority requirements. Waste is classified as hazardous waste.

EWC-code: 16 05 08

Contaminated packaging: Dispose of waste and residues in accordance with local authority requirements.
SECTION 14: TRANSPORT INFORMATION

14.1. UN number
UN-No: 1307

14.2. UN proper shipping name
Proper Shipping Name: XYLENES

Additional IMDG information:
EmS: F-E, S-D
MFAG: 1

14.3. Transport hazard class(es)
Class: 3

14.4. Packing group
PG: III

14.5. Environmental hazards
Marine pollutant: No.
Environmentally Hazardous substance: No.

14.6. Special precautions for user
Special precautions: None known.

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code
Transport in bulk: Not relevant.
SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Special provisions: As a general rule, persons under 18 years of age are not allowed to work with this product. Users must be carefully instructed in the proper work procedure, the dangerous properties of the product and the necessary safety instructions.

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.
The Management of Health and Safety at Work Regulations 1999 (SI 1999 No. 3242), with amendments.

15.2. Chemical Safety Assessment

CSA status: No chemical safety assessment has been carried out.
SECTION 16: OTHER INFORMATION

The user must be instructed in the proper work procedure and be familiar with the contents of these instructions.

The following sections contain revisions or new statements: 1, 8.
The (*) indicates the changes made with respect to the previous version.

Approved by DHI.

Additional information: Classification according to Regulation (EC) No. 1272/2008: Calculation method.

Wording of H-statements:

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.
H317  May cause an allergic skin reaction.
H319  Causes serious eye irritation.
H322  Harmful if inhaled.
H335  May cause respiratory irritation.
H373  May cause damage to organs through prolonged or repeated exposure.
H412  Harmful to aquatic life with long lasting effects.

The information on this data sheet represents our current data and is reliable provided that the product is used under the prescribed conditions and in accordance with the application specified on the packaging and/or in the technical guidance literature. Any other use of the product which involves using the product in combination with any other product or any other process is the responsibility of the user.

Made by DHI - Environment and Toxicology, Agern Allé 5, DK-2970 Hørsholm, Denmark.