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

**Product identifier**

*Product name:* EUKITT

*Cat. No.* 41000004

*Container size:* 500 ml

**Relevant identified uses of the substance or mixture and uses advised against**

*Application:* Adhesive.

**Details of the supplier of the safety data sheet**

*Supplier:* Struers Australia

27 Mayneview Street

Milton QLD 4064, Australia

*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

**Emergency telephone number**


+61 7 3512 9600

(Only during office hours)
SECTION 2: HAZARDS IDENTIFICATION

Classification of the substance or mixture

WHS:
- Flammable liquid - Category 3
- Acute toxicity - dermal - Category 4
- Acute toxicity - inhalation - Category 4
- Skin corrosion/irritation - Category 2
- Serious eye damage/eye irritation - Category 2
- Specific target organ toxicity (single exposure) - Category 3 (respiratory tract irritation)
- Specific target organ toxicity (repeated exposure) - Category 2

Label elements

Warning
Contains:
- Xylene
H226 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/sparks/open flames/hot surfaces. - No smoking.
P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position 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.

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

Mixtures
The product contains: organic solvent and acrylic resin.

WHS:

<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>
</tr>
</thead>
<tbody>
<tr>
<td>60-100</td>
<td>1330-20-7</td>
<td>215-535-7</td>
<td>01-2119488216-32-xxxx</td>
<td>Xylene</td>
<td>Flam. Liq. 3;H226 Acute Tox. 4;H312 Skin Irrit. 2;H315 Eye Irrit. 2;H319 STOT SE 3;H335 STOT RE 2;H373 Asp. Tox. 1;H304</td>
<td>C</td>
</tr>
<tr>
<td>1</td>
<td>100-41-4</td>
<td>202-849-4</td>
<td>01-2119489370-35-xxxx</td>
<td>Ethylbenzene</td>
<td>Flam. Liq. 2;H225 Acute Tox. 4;H332 STOT RE 2;H373 Asp. Tox. 1;H304 Aquatic Chronic 3;H412</td>
<td></td>
</tr>
<tr>
<td>0.1-&lt;1</td>
<td>97-88-1</td>
<td>202-615-1</td>
<td>-</td>
<td>n-Butyl methacrylate</td>
<td>Flam. Liq. 3;H226 Eye Irrit. 2;H319 STOT SE 3;H335 Skin Irrit. 2;H315 Skin Sens. 1;H317</td>
<td>D</td>
</tr>
<tr>
<td>0.1-&lt;1</td>
<td>80-62-6</td>
<td>201-297-1</td>
<td>-</td>
<td>Methyl methacrylate</td>
<td>Flam. Liq. 2;H225 STOT SE 3;H335 Skin Irrit. 2;H315 Skin Sens. 1;H317</td>
<td>D</td>
</tr>
</tbody>
</table>

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

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.

Most important symptoms and effects, both acute and delayed

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

Indication of any immediate medical attention and special treatment needed

Medical attention/treatments: Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

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.

Special hazards arising from the substance or mixture

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

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

Personal precautions, protective equipment and emergency procedures

Protective equipment: 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. (*)

Emergency procedures: No specific recommendations. For personal protection, see section 8. (*)

Environmental precautions

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

Methods and material for containment and cleaning up

Spill Cleanup Methods: Absorb spillage with non-combustible, absorbent material. Do not use sawdust or other combustible material.

Reference to other sections

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

SECTION 7: HANDLING AND STORAGE

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.

Conditions for safe storage, including any incompatibilities


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

Specific end use(s)

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

### 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- isomers)</td>
<td>-</td>
<td>80 ppm</td>
<td>350 mg/m³</td>
<td>TWA</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>-</td>
<td>150 ppm</td>
<td>655 mg/m³</td>
<td>STEL</td>
<td>15min</td>
</tr>
<tr>
<td>100-41-4</td>
<td>Ethyl benzene</td>
<td>-</td>
<td>100 ppm</td>
<td>434 mg/m³</td>
<td>TWA</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>-</td>
<td>125 ppm</td>
<td>543 mg/m³</td>
<td>STEL</td>
<td>15min</td>
</tr>
<tr>
<td>80-62-6</td>
<td>Methyl methacrylate</td>
<td>-</td>
<td>50 ppm</td>
<td>208 mg/m³</td>
<td>TWA</td>
<td>Sen</td>
</tr>
<tr>
<td></td>
<td></td>
<td>-</td>
<td>100 ppm</td>
<td>416 mg/m³</td>
<td>STEL</td>
<td>Sen; 15min</td>
</tr>
</tbody>
</table>

### 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 relevant AS/NZS 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.

**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

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.
Explosion 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.

Other information

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

Reactivity
Reactivity: No data available.

Chemical stability
Stability: Stable under normal temperature conditions.

Possibility of hazardous reactions
Hazardous Reactions: No data available.

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

Incompatible materials
Incompatible materials: Avoid contact with oxidising agents.

Hazardous decomposition products
Hazardous decomposition products: During fire, toxic gases (CO, CO2) are formed.
## SECTION 11: TOXICOLOGICAL INFORMATION

### Information on toxicological effects

<table>
<thead>
<tr>
<th>Aspect</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Acute Toxicity (Oral):</strong></td>
<td>Based on available data, the classification criteria are not met.</td>
</tr>
<tr>
<td><strong>Acute Toxicity (Dermal):</strong></td>
<td>Harmful in contact with skin.</td>
</tr>
<tr>
<td><strong>Acute Toxicity (Inhalation):</strong></td>
<td>Harmful if inhaled.</td>
</tr>
<tr>
<td><strong>Skin Corrosion/Irritation:</strong></td>
<td>Causes skin irritation.</td>
</tr>
<tr>
<td><strong>Serious eye damage/irritation:</strong></td>
<td>Causes serious eye irritation.</td>
</tr>
<tr>
<td><strong>Respiratory or skin sensitisation:</strong></td>
<td>Based on available data, the classification criteria are not met.</td>
</tr>
<tr>
<td><strong>Germ cell mutagenicity:</strong></td>
<td>Based on available data, the classification criteria are not met.</td>
</tr>
<tr>
<td><strong>Carcinogenicity:</strong></td>
<td>Based on available data, the classification criteria are not met.</td>
</tr>
<tr>
<td></td>
<td>National Toxicology Program (NTP): No.</td>
</tr>
<tr>
<td></td>
<td>IARC Cancer Review: Group 3 for Xylenes.</td>
</tr>
<tr>
<td></td>
<td>IARC Cancer Review: Group 2B for Ethylbenzene.</td>
</tr>
<tr>
<td></td>
<td>IARC Cancer Review: Group 3 for Methyl methacrylate.</td>
</tr>
<tr>
<td><strong>Reproductive Toxicity:</strong></td>
<td>Based on available data, the classification criteria are not met.</td>
</tr>
<tr>
<td><strong>STOT - Single exposure:</strong></td>
<td>May cause respiratory irritation.</td>
</tr>
<tr>
<td><strong>STOT - Repeated exposure:</strong></td>
<td>May cause damage to organs through prolonged or repeated exposure.</td>
</tr>
<tr>
<td><strong>Aspiration hazard:</strong></td>
<td>Based on available data, the classification criteria are not met.</td>
</tr>
<tr>
<td><strong>Inhalation:</strong></td>
<td>Vapours have a narcotic effect and may cause headache, fatigue, dizziness and nausea.</td>
</tr>
<tr>
<td><strong>Skin contact:</strong></td>
<td>The product contains xylene which may penetrate the skin.</td>
</tr>
<tr>
<td><strong>Ingestion:</strong></td>
<td>May irritate and cause malaise.</td>
</tr>
<tr>
<td><strong>Specific effects:</strong></td>
<td>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.</td>
</tr>
</tbody>
</table>
SECTION 12: ECOLOGICAL INFORMATION

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

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

Bioaccumulative potential
Bioaccumulative potential: No data available on bioaccumulation.

Mobility in soil
Mobility: No data available.

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

Other adverse effects
Other adverse effects: No information available.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods
Waste from residues: Dispose of waste and residues in accordance with local authority requirements. For personal protection, see section 8. Hazardous characteristics of waste: H3 (Flammable liquids) (*)

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

**UN number**

**UN-No:** 1307

**UN proper shipping name**

Proper Shipping Name: XYLENES

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

**Transport hazard class(es)**

**Class:** 3

**Packing group**

**PG:** III

**Environmental hazards**

Marine pollutant: No.
Environmentally Hazardous substance: No.

**Special precautions for user**

Special precautions: None known.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Transport in bulk: Not relevant.

SECTION 15: REGULATORY INFORMATION

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

**Special provisions:** AICS: Listed.

**National regulation:** Work Health and Safety Regulations 2011, with amendments.
National model Code of Practice for the Labelling of Workplace Hazardous Chemicals (2011), with amendments.
Hazardous Waste (Regulation of Exports and Imports) Act 1989, with amendments.
The Industrial Chemicals (Notification and Assessment) Act 1989, as amended.
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: 6, 9, 13.
The (*) indicates the changes made with respect to the previous version.

Approved by DHI.

Additional information: Classification according to WHS Regulations 2011:
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.