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

1.1. Product identifier
CP-Synthofloor BETA 8016  Part B

1.2. Relevant identified uses of the substance or mixture and uses advised against
Use of the substance/mixture
Coatings and paints, fillers, putties, thinners

1.3. Details of the supplier of the safety data sheet
Company name: Ceramic Polymer GmbH
Street: Daimlerring 9
Place: DE-32289 Rödinghausen
Telephone: +49(0) 52 23 / 9 62 76-0
Fax: +49(0) 52 23 / 9 62 76-17
E-mail: info@ceramic-polymer.de
Internet: www.ceramic-polymer.de
Responsible Department: +49(0) 551 - 1 92 40 (GIZ-Nord, 24h)

1.4. Emergency telephone number:
+49(0) 551 - 1 92 40 (GIZ-Nord, 24h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Regulation (EC) No. 1272/2008
Hazard categories:
Acute toxicity: Acute Tox. 4
Acute toxicity: Acute Tox. 4
Skin corrosion/irritation: Skin Corr. 1A
Serious eye damage/eye irritation: Eye Dam. 1
Respiratory or skin sensitisation: Skin Sens. 1
Hazardous to the aquatic environment: Aquatic Chronic 3
Hazard Statements:
Harmful if swallowed or if inhaled.
Causes severe skin burns and eye damage.
May cause an allergic skin reaction.
Harmful to aquatic life with long lasting effects.

2.2. Label elements
Regulation (EC) No. 1272/2008
Hazard components for labelling
benzyl alcohol
3-aminomethyl-3,5,5-trimethylcyclohexylamin
2-methylpentane-1,5-diamine
Amines, polyethylenepoly-, tetraethylenepentamine fraction
Signal word: Danger
Pictograms:

Hazard statements
H302+H332 Harmful if swallowed or if inhaled.
H314 Causes severe skin burns and eye damage.
H317 May cause an allergic skin reaction.
H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P260 Do not breathe dust/fume/gas/mist/vapours/spray.
P309+P311 IF exposed or if you feel unwell: Call a POISON CENTER or doctor/physician.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P273 Avoid release to the environment.
P270 Do not eat, drink or smoke when using this product.
P362+P364 Take off contaminated clothing and wash it before reuse.
P337+P313 If eye irritation persists: Get medical advice/attention.
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.
P280 Wear protective gloves/protective clothing/eye protection/face protection.

2.3. Other hazards

No information available.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous components

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Quantity</th>
<th>EC No</th>
<th>Index No</th>
<th>REACH No</th>
<th>Classification according to Regulation (EC) No. 1272/2008 [CLP]</th>
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</thead>
<tbody>
<tr>
<td>100-51-6</td>
<td>benzyl alcohol</td>
<td>50-&lt;75%</td>
<td>202-859-9</td>
<td>603-057-00-5</td>
<td>01-2119492630-38</td>
<td>Acute Tox. 4, Acute Tox. 4; H302 H332</td>
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<tr>
<td>2855-13-2</td>
<td>3-aminomethyl-3,5,5-trimethylcyclohexylamin</td>
<td>10-&lt;25%</td>
<td>220-666-8</td>
<td>612-067-00-9</td>
<td>01-2119514687-32</td>
<td>Acute Tox. 4, Acute Tox. 4, Skin Corr. 1B, Skin Sens. 1, Aquatic Chronic 3; H302 H312 H314 H317 H412</td>
</tr>
<tr>
<td>15520-10-2</td>
<td>2-methylpentane-1,5-diamine</td>
<td>10-&lt;25%</td>
<td>239-556-6</td>
<td>01-2119976310-41</td>
<td>Acute Tox. 4, Acute Tox. 4, Skin Corr. 1, Eye Dam. 1, STOT SE 3; H302 H312 H332 H314 H318 H335</td>
<td></td>
</tr>
<tr>
<td>90640-66-7</td>
<td>Amines, polyethylene- poly-, tetraethylenepentamine fraction</td>
<td>5-&lt;10%</td>
<td>292-587-7</td>
<td>01-2119487290-37</td>
<td>Acute Tox. 4, Acute Tox. 4, Skin Corr. 1, Eye Dam. 1, Skin Sens. 1, Aquatic Chronic 2; H302 H312 H314 H318 H317 H411</td>
<td></td>
</tr>
<tr>
<td>90-72-2</td>
<td>2,4,6-tris(dimethylaminomethyl)phenol</td>
<td>5-&lt;10%</td>
<td>202-013-9</td>
<td>603-069-00-0</td>
<td>01-2119560597-27</td>
<td>Acute Tox. 4, Skin Irrit. 2, Eye Irrit. 2; H302 H315 H319</td>
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<tr>
<td>89-72-7</td>
<td>salicylic acid</td>
<td>1-&lt;5 %</td>
<td>200-712-3</td>
<td>01-2119486984-17</td>
<td>Acute Tox. 4, Eye Dam. 1; H302 H318</td>
<td></td>
</tr>
</tbody>
</table>

Full text of H and EUH statements: see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures
General information
Change contaminated, saturated clothing. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

After inhalation
In case of inhalation of decomposition products, affected person should be moved into fresh air and kept still.

After contact with skin
After contact with skin, wash immediately with plenty of water and soap. Seek medical advice immediately.
Do not wash with: Solvents/Thinner

After contact with eyes
After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

After ingestion
If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.
Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed
Immediate medical treatment required because corrosive injuries that are not treated are hard to cure.
Symptoms may develop several hours following exposure; medical observation therefore necessary for at least 48 hours.

4.3. Indication of any immediate medical attention and special treatment needed
First Aid, decontamination, treatment of symptoms.
In case of skin contact, wash immediately with large quantities of water/polyethylene glycol 400 (Roticlean).

SECTION 5: Firefighting measures

5.1. Extinguishing media
Suitable extinguishing media
Dry extinguishing powder. Carbon dioxide (CO2). alcohol resistant foam. Water spray jet

Unsuitable extinguishing media
High power water jet

5.2. Special hazards arising from the substance or mixture
Carbon monoxide Carbon dioxide (CO2). Nitrogen oxides (NOx)

5.3. Advice for firefighters
Special protective equipment for firefighters: Protective clothing. In case of fire: Wear self-contained breathing apparatus.

Additional information
Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.
Dispose of waste according to applicable legislation.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
See protective measures under point 7 and 8.
Provide adequate ventilation.
Personal protection equipment: see section 8
Remove persons to safety.

6.2. Environmental precautions
Do not allow to enter into surface water or drains. Cover drains. Adverse environmental effects

6.3. Methods and material for containment and cleaning up
Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.
6.4. Reference to other sections
See protective measures under point 7 and 8. Disposal: see section 13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling
See section 8. Wear personal protection equipment (refer to section 8). Keep container tightly closed.

Advice on protection against fire and explosion
Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels
Keep container tightly closed in a cool, well-ventilated place. Keep/Store only in original container.

Advice on storage compatibility
Keep away from:
Food and feedingstuffs
Oxidising agent

Further information on storage conditions
Keep away from:
Frost
Heat
Humidity

7.3. Specific end use(s)
No information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
### DNEL/DMEL values

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Substance</th>
<th>Exposure route</th>
<th>Effect</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-51-6</td>
<td>benzyl alcohol</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Worker DNEL, long-term</td>
<td>inhalation</td>
<td>systemic</td>
<td>22 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Worker DNEL, acute</td>
<td>inhalation</td>
<td>systemic</td>
<td>110 mg/m³</td>
</tr>
<tr>
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<td>Worker DNEL, long-term</td>
<td>dermal</td>
<td>systemic</td>
<td>8 mg/kg bw/day</td>
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<tr>
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<td>Worker DNEL, acute</td>
<td>dermal</td>
<td>systemic</td>
<td>40 mg/kg bw/day</td>
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<td>Consumer DNEL, long-term</td>
<td>inhalation</td>
<td>systemic</td>
<td>5.4 mg/m³</td>
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<td>Consumer DNEL, acute</td>
<td>inhalation</td>
<td>systemic</td>
<td>27 mg/m³</td>
</tr>
<tr>
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<td>Consumer DNEL, long-term</td>
<td>dermal</td>
<td>systemic</td>
<td>4 mg/kg bw/day</td>
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<tr>
<td></td>
<td>Consumer DNEL, acute</td>
<td>dermal</td>
<td>systemic</td>
<td>20 mg/kg bw/day</td>
</tr>
<tr>
<td></td>
<td>Consumer DNEL, long-term</td>
<td>oral</td>
<td>systemic</td>
<td>4 mg/kg bw/day</td>
</tr>
<tr>
<td></td>
<td>Consumer DNEL, acute</td>
<td>oral</td>
<td>systemic</td>
<td>20 mg/kg bw/day</td>
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<tr>
<td>2855-13-2</td>
<td>3-aminomethyl-3,5,5-trimethylcyclohexylammin</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Worker DNEL, long-term</td>
<td>inhalation</td>
<td>local</td>
<td>0,073 mg/m³</td>
</tr>
<tr>
<td></td>
<td>Worker DNEL, acute</td>
<td>inhalation</td>
<td>local</td>
<td>0,073 mg/m³</td>
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<tr>
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<td>Consumer DNEL, long-term</td>
<td>oral</td>
<td>systemic</td>
<td>0,526 mg/kg bw/day</td>
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<tr>
<td>15520-10-2</td>
<td>2-methylpentane-1,5-diamine</td>
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<td></td>
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<td>Worker DNEL, long-term</td>
<td>inhalation</td>
<td>local</td>
<td>0,25 mg/m³</td>
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<td>Worker DNEL, long-term</td>
<td>dermal</td>
<td>systemic</td>
<td>1,5 mg/kg bw/day</td>
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<td>Consumer DNEL, long-term</td>
<td>inhalation</td>
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<td>0,125 mg/m³</td>
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<td>Consumer DNEL, long-term</td>
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<td>systemic</td>
<td>0,75 mg/kg bw/day</td>
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<td>0,75 mg/kg bw/day</td>
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<td>90640-66-7</td>
<td>Amines, polyethylenepoly-, tetraethylenepentamine fraction</td>
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<td></td>
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<tr>
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<td>Worker DNEL, long-term</td>
<td>inhalation</td>
<td>systemic</td>
<td>1,29 mg/m³</td>
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<td>Worker DNEL, acute</td>
<td>inhalation</td>
<td>systemic</td>
<td>6940 mg/m³</td>
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<td>Worker DNEL, long-term</td>
<td>dermal</td>
<td>systemic</td>
<td>0,74 mg/kg bw/day</td>
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<td>Worker DNEL, long-term</td>
<td>dermal</td>
<td>local</td>
<td>0,036 mg/cm²</td>
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<td>systemic</td>
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<td>Consumer DNEL, acute</td>
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<td>2071 mg/m³</td>
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<td>dermal</td>
<td>systemic</td>
<td>10 mg/kg bw/day</td>
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<td>Consumer DNEL, long-term</td>
<td>dermal</td>
<td>local</td>
<td>0,56 mg/cm²</td>
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<td>Consumer DNEL, long-term</td>
<td>oral</td>
<td>systemic</td>
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</tr>
<tr>
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<td>Consumer DNEL, long-term</td>
<td>oral</td>
<td>systemic</td>
<td>0,53 mg/kg bw/day</td>
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<td>Consumer DNEL, acute</td>
<td>oral</td>
<td>systemic</td>
<td>26 mg/kg bw/day</td>
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<tr>
<td>69-72-7</td>
<td>salicylic acid</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Worker DNEL, long-term
- **Inhalation**
  - Systemic: 5 mg/m³

### Worker DNEL, long-term
- **Dermal**
  - Local: 5 mg/m³

### Consumer DNEL, long-term
- **Inhalation**
  - Systemic: 2.3 mg/kg bw/day

### Consumer DNEL, long-term
- **Dermal**
  - Systemic: 1 mg/kg bw/day

### Consumer DNEL, long-term
- **Oral**
  - Systemic: 1 mg/kg bw/day

### Consumer DNEL, acute
- **Oral**
  - Systemic: 4 mg/kg bw/day
### PNEC values

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Substance</th>
<th>Environmental compartment</th>
<th>Value</th>
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<tbody>
<tr>
<td>100-51-6</td>
<td>benzyl alcohol</td>
<td>Freshwater</td>
<td>1 mg/l</td>
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<td></td>
<td></td>
<td>Marine water</td>
<td>0,1 mg/l</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Freshwater sediment</td>
<td>5,27 mg/kg</td>
</tr>
<tr>
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<td></td>
<td>Marine sediment</td>
<td>0,527 mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Micro-organisms in sewage</td>
<td>39 mg/l</td>
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<td></td>
<td></td>
<td>treatment plants (STP)</td>
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<td></td>
<td></td>
<td>Soil</td>
<td>0,456 mg/kg</td>
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<td>2855-13-2</td>
<td>3-aminomethyl-3,5,5-trimethylcyclohexylamin</td>
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<td>0,06 mg/l</td>
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<td></td>
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<td>Marine water</td>
<td>0,006 mg/l</td>
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<td>Freshwater sediment</td>
<td>5,784 mg/kg</td>
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<td>Marine sediment</td>
<td>0,578 mg/kg</td>
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<td>Soil</td>
<td>1,121 mg/kg</td>
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<td>Freshwater</td>
<td>0,42 mg/l</td>
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<td>Marine water</td>
<td>0,042 mg/l</td>
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<td>Freshwater sediment</td>
<td>7,58 mg/kg</td>
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<td>Marine sediment</td>
<td>0,758 mg/kg</td>
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<td>Soil</td>
<td>1,27 mg/kg</td>
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<td>90-72-2</td>
<td>2,4,6-tris(dimethylaminomethyl)phenol</td>
<td>Freshwater</td>
<td>0,84 mg/l</td>
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<td>Marine water</td>
<td>0,008 mg/l</td>
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<td>90640-66-7</td>
<td>Amines, polyethylenepoly-, tetraethylenepentamine</td>
<td>Freshwater</td>
<td>0,0068 mg/l</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Marine water</td>
<td>0,00068 mg/l</td>
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<td></td>
<td>Freshwater sediment</td>
<td>0,341 mg/kg</td>
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<td>Marine sediment</td>
<td>0,746 mg/kg</td>
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<td>Secondary poisoning</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>Soil</td>
<td>0,274 mg/kg</td>
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<tr>
<td>69-72-7</td>
<td>salicylic acid</td>
<td>Freshwater</td>
<td>0,2 mg/l</td>
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<td></td>
<td>Marine water</td>
<td>0,02 mg/l</td>
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<td></td>
<td>Freshwater sediment</td>
<td>1,42 mg/kg</td>
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<td></td>
<td>Marine sediment</td>
<td>0,142 mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Soil</td>
<td>0,166 mg/kg</td>
</tr>
</tbody>
</table>

### 8.2. Exposure controls

**Appropriate engineering controls**
- Provide adequate ventilation as well as local exhaustion at critical locations.

**Protective and hygiene measures**
- Work in well-ventilated zones or use proper respiratory protection. Only wear fitting, comfortable and clean
protective clothing. Avoid contact with skin, eyes and clothes. Wash hands and face before breaks and after work and take a shower if necessary.

Eye/face protection
Suitable eye protection:
Eye glasses with side protection, goggles

Hand protection
Suitable gloves type:
NBR (Nitrile rubber) DIN EN 374,
Butyl caoutchouc (butyl rubber) DIN EN 374.
Wear cotton undermittens if possible.

Skin protection
When handling with chemical substances, protective clothing with CE-labels including the four control digits must be worn.

Respiratory protection
If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.
Combination filtering device (EN 14387) A-P3
Self-contained respirator (breathing apparatus) (DIN EN 133)

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: liquid
Colour: transparent
Odour: characteristic

Test method
pH-Value: not determined

Changes in the physical state
Melting point: not determined
Initial boiling point and boiling range: not determined
Sublimation point: not determined
Softening point: not determined
Pour point: not determined
Flash point: >85 °C

Flammability
Solid: not determined
Gas: not determined

Explosive properties
No information available.
Lower explosion limits: not determined
Upper explosion limits: not determined
Ignition temperature: not determined

Auto-ignition temperature
Solid: not determined
Gas: not determined
Decomposition temperature: not determined
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according to Regulation (EC) No 1907/2006

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Oxidizing properties
No information available.

Vapour pressure: not determined
Density (at 20 °C): 1,00 g/cm³
Water solubility: not determined

Solubility in other solvents
No information available.

Partition coefficient: not determined
Viscosity / dynamic:
(at 23 °C) 100 mPa·s
Vapour density: not determined
Evaporation rate: not determined

9.2. Other information
No information available.

SECTION 10: Stability and reactivity

10.1. Reactivity
The product is stable under storage at normal ambient temperatures.

10.2. Chemical stability
The substance is chemically stable under recommended conditions of storage, use and temperature.

10.3. Possibility of hazardous reactions
Reacts with: Acid, Oxidising agent

10.4. Conditions to avoid
Keep away from sources of heat (e.g. hot surfaces), sparks and open flames.

10.5. Incompatible materials
Acid, Oxidising agent

10.6. Hazardous decomposition products
Does not decompose when used for intended uses. Thermal decomposition can lead to the escape of irritating gases and vapours.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity
Harmful if swallowed or if inhaled.

ATEmix calculated
ATE (oral) 853,3 mg/kg; ATE (inhalative vapour) 18,33 mg/l; ATE (inhalative aerosol) 2,500 mg/l
### Safety Data Sheet

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<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Exposure route</th>
<th>Dose</th>
<th>Species</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-51-6</td>
<td>benzyl alcohol</td>
<td>oral</td>
<td>LD50</td>
<td>1620 mg/kg</td>
<td>Rat</td>
</tr>
<tr>
<td></td>
<td></td>
<td>inhalative vapour</td>
<td>ATE</td>
<td>11 mg/l</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>inhalative (4 h) aerosol</td>
<td>LC50</td>
<td>&gt;4178 mg/l</td>
<td>Rat</td>
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<tr>
<td>2855-13-2</td>
<td>3-aminomethyl-3,5,5-trimethylcyclohexylamin</td>
<td>oral</td>
<td>LD50</td>
<td>1030 mg/kg</td>
<td>Rat</td>
</tr>
<tr>
<td></td>
<td></td>
<td>dermal</td>
<td>ATE</td>
<td>500 mg/kg</td>
<td></td>
</tr>
<tr>
<td>15520-10-2</td>
<td>2-methylpentane-1,5-diamine</td>
<td>oral</td>
<td>ATE</td>
<td>500 mg/kg</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>dermal</td>
<td>ATE</td>
<td>1100 mg/kg</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>inhalative vapour</td>
<td>ATE</td>
<td>11 mg/l</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>inhalative aerosol</td>
<td>ATE</td>
<td>1,5 mg/l</td>
<td></td>
</tr>
<tr>
<td>90640-66-7</td>
<td>Amines, polyethylene-poly-, tetraethylenepentamine fraction</td>
<td>oral</td>
<td>ATE</td>
<td>500 mg/kg</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>dermal</td>
<td>ATE</td>
<td>1100 mg/kg</td>
<td></td>
</tr>
<tr>
<td>90-72-2</td>
<td>2,4,6-tris(dimethylaminomethyl)phenol</td>
<td>oral</td>
<td>ATE</td>
<td>500 mg/kg</td>
<td></td>
</tr>
<tr>
<td>69-72-7</td>
<td>salicylic acid</td>
<td>oral</td>
<td>ATE</td>
<td>500 mg/kg</td>
<td></td>
</tr>
</tbody>
</table>

**Irritation and corrosivity**
- Causes severe skin burns and eye damage.

**Sensitising effects**
- May cause an allergic skin reaction. (3-aminomethyl-3,5,5-trimethylcyclohexylamin), (Amines, polyethylene-poly-, tetraethylenepentamine fraction)

**Carcinogenic/mutagenic/toxic effects for reproduction**
- 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.

### SECTION 12: Ecological information

#### 12.1. Toxicity
Safety Data Sheet

according to Regulation (EC) No 1907/2006

Print date: 28.04.2016

CP-Synthofloor BETA 8016 Part B

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Aquatic toxicity Dose</th>
<th>Species</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-51-6</td>
<td>benzyl alcohol</td>
<td>Acute fish toxicity LC50 460 mg/l</td>
<td>96 h</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute algae toxicity ErC50 770 mg/l</td>
<td>72 h</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute crustacea toxicity EC50 230 mg/l</td>
<td>48 h</td>
<td>Daphnia magna (Big water flea)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Algae toxicity NOEC 51 mg/l</td>
<td>3 d</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Crustacea toxicity NOEC 310 mg/l</td>
<td>21 d</td>
<td></td>
</tr>
<tr>
<td>2855-13-2</td>
<td>3-aminomethyl-3,5,5-trimethylcyclohexylamin</td>
<td>Acute fish toxicity LC50 110 mg/l</td>
<td>96 h</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute algae toxicity ErC50 37 mg/l</td>
<td>72 h</td>
<td></td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Method</th>
<th>Value</th>
<th>d</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-51-6</td>
<td>benzyl alcohol</td>
<td>OECD 301A/ ISO 7827/ EEC 92/69/V, C.4-A</td>
<td>95 - 97%</td>
<td>21</td>
<td></td>
</tr>
<tr>
<td>2855-13-2</td>
<td>3-aminomethyl-3,5,5-trimethylcyclohexylamin</td>
<td>OECD 301A/ ISO 7827/ EEC 92/69/V, C.4-A</td>
<td>8%</td>
<td>28</td>
<td></td>
</tr>
</tbody>
</table>

12.3. Bioaccumulative potential

Partition coefficient n-octanol/water

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Log Pow</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-51-6</td>
<td>benzyl alcohol</td>
<td>1.1</td>
</tr>
<tr>
<td>2855-13-2</td>
<td>3-aminomethyl-3,5,5-trimethylcyclohexylamin</td>
<td>0.99</td>
</tr>
</tbody>
</table>

BCF

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>BCF</th>
<th>Species</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-51-6</td>
<td>benzyl alcohol</td>
<td>1</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Other adverse effects

No information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal
Dispose of waste according to applicable legislation.

Contaminated packaging
Non-contaminated packages may be recycled. Dispose of waste according to applicable legislation.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number: UN 2735
### 14.2. UN proper shipping name:
AMINES, LIQUID, CORROSIVE, N.O.S. (Isophoronediamine, 2-methylpentane-1,5-diamine)

### 14.3. Transport hazard class(es):
8

### 14.4. Packing group:
II

- **Hazard label:** 8
- **Classification code:** C7
- **Special Provisions:** 274
- **Limited quantity:** 1 L
- **Transport category:** 2
- **Hazard No:** 80
- **Tunnel restriction code:** E

#### Other applicable information (land transport)
- E1
- E2

#### Inland waterways transport (ADN)

<table>
<thead>
<tr>
<th>14.1. UN number:</th>
<th>UN 2735</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.2. UN proper shipping name:</td>
<td>AMINES, LIQUID, CORROSIVE, N.O.S. (Isophoronediamine, 2-methylpentane-1,5-diamine)</td>
</tr>
<tr>
<td>14.3. Transport hazard class(es):</td>
<td>8</td>
</tr>
<tr>
<td>14.4. Packing group:</td>
<td>II</td>
</tr>
<tr>
<td><strong>Hazard label:</strong></td>
<td>8</td>
</tr>
<tr>
<td><strong>Classification code:</strong></td>
<td>C7</td>
</tr>
<tr>
<td><strong>Special Provisions:</strong></td>
<td>274</td>
</tr>
<tr>
<td><strong>Limited quantity:</strong></td>
<td>1 L</td>
</tr>
</tbody>
</table>

#### Other applicable information (inland waterways transport)
- E1
- E2

#### Marine transport (IMDG)

<table>
<thead>
<tr>
<th>14.1. UN number:</th>
<th>UN 2735</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.2. UN proper shipping name:</td>
<td>AMINES, LIQUID, CORROSIVE, N.O.S. (Isophoronediamine, 2-methylpentane-1,5-diamine)</td>
</tr>
<tr>
<td>14.3. Transport hazard class(es):</td>
<td>8</td>
</tr>
<tr>
<td>14.4. Packing group:</td>
<td>II</td>
</tr>
<tr>
<td><strong>Hazard label:</strong></td>
<td>8</td>
</tr>
<tr>
<td><strong>Special Provisions:</strong></td>
<td>274</td>
</tr>
<tr>
<td><strong>Limited quantity:</strong></td>
<td>1 L</td>
</tr>
<tr>
<td><strong>EmS:</strong></td>
<td>F-A, S-B</td>
</tr>
<tr>
<td><strong>Segregation group:</strong></td>
<td>18 - alkalis</td>
</tr>
</tbody>
</table>

#### Other applicable information (marine transport)
- E1
- E2

#### Air transport (ICAO)

<table>
<thead>
<tr>
<th>14.1. UN number:</th>
<th>UN 2735</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.2. UN proper shipping name:</td>
<td>AMINES, LIQUID, CORROSIVE, N.O.S. (Isophoronediamine, 2-methylpentane-1,5-diamine)</td>
</tr>
<tr>
<td>14.3. Transport hazard class(es):</td>
<td>8</td>
</tr>
<tr>
<td>14.4. Packing group:</td>
<td>II</td>
</tr>
<tr>
<td><strong>Hazard label:</strong></td>
<td>8</td>
</tr>
<tr>
<td><strong>Special Provisions:</strong></td>
<td>A3 A803</td>
</tr>
</tbody>
</table>
CP-Synthofloor BETA 8016  Part B

Limited quantity Passenger: 0.5 L
IATA-packing instructions - Passenger: 851
IATA-max. quantity - Passenger: 1 L
IATA-packing instructions - Cargo: 855
IATA-max. quantity - Cargo: 30 L

Other applicable information (air transport)
E1
Passenger-LQ: Y964
E2
Passenger-LQ: Y840
Passenger-LQ: Y841

14.5. Environmental hazards
ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user
No information available.

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code
No information available.

SECTION 15: Regulatory information

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

National regulatory information
Employment restrictions: Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers. Observe employment restrictions for women of child-bearing age.

Water contaminating class (D): 2 - water contaminating

15.2. Chemical safety assessment
For the following substances of this mixture a chemical safety assessment has been carried out:
benzyl alcohol
3-aminomethyl-3,5,5-trimethylcyclohexylamin
2,4,6-tris(dimethylaminomethyl)phenol
salicylic acid

SECTION 16: Other information

Changes
This data sheet contains changes from the previous version in section(s): 1.

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)
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer
(Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)
ICAO: International Civil Aviation Organization
ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)
CAS: Chemical Abstracts Service (division of the American Chemical Society)
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
CLP: Regulation on Classification, Labelling and Packaging of Substances and Mixtures,
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
EC50: Effective concentration, 50 percent
DNEL: Derived No Effect Level
PNEC: Predicted No Effect Concentration
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative

Relevant H and EUH statements (number and full text)

H302 Harmful if swallowed.
H302+H332 Harmful if swallowed or if inhaled.
H312 Harmful 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.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H411 Toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)