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

1.1 Product identifier
Commercial Product Name: FIS V 300 T

1.2 Relevant identified uses of the substance or mixture and uses advised against
Relevant identified uses: composite mortar
Recommended restrictions: None under normal processing. Observe technical data sheet.

1.3 Details of the supplier of the safety data sheet
Company designation:
fischerwerke GmbH & Co. KG
Klaus-Fischer-Straße 1
D-72178 Waldachtal
Telephone: +49(0)7443 12-0
FAX: +49(0)7443 12-4222
Email: info-sdb@fischer.de
Internet: www.fischer.de

Marketer:
AnchorMark Pty. Ltd.
Unit 1, 61 Waterview Close - Dandenong South VIC 3175, Australia
Tel.: +61 (0) 3 97992096
Fax: +61 (0) 3 97992096
Email: info@anchormark.com.au

1.4 Emergency telephone number
Emergency telephone number: FOR FIRST AID ADVICE CALL A POISONS INFORMATION CENTRE
PHONE 13 11 26
THIS NUMBER IS FOR USE IN AUSTRALIA ONLY

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
GHS Classification: Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1; H317

2.2 Label elements
Hazard pictogram

Signal word: Danger
Hazardous component(s) to be indicated on label: Cement, portland, chemicals, tetramethylenedimethacrylat, 2-hydroxypropyl methacrylate, dibenzoyl peroxide
H-statement(s): H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.

P-statement(s)
P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
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.

2.3 Other hazards
Health hazard None known.
Particular information pertaining specific risk for human/ environment None known.
Indication of danger None known.
Hazard precautions None known.

SECTION3: Composition/information on ingredients

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>GHS Classification</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cement, portland, chemicals</td>
<td>Skin Irrit. 2; H315 Eye Dam. 1; H318</td>
<td>10.0 - 25.0 % by weight</td>
</tr>
<tr>
<td></td>
<td>STOT SE 3; H335</td>
<td></td>
</tr>
<tr>
<td>tetramethylenedimethacrylat</td>
<td>Skin Sens. 1; H317</td>
<td>10.0 - 25.0 % by weight</td>
</tr>
<tr>
<td>2-hydroxypropyl methacrylate</td>
<td>Skin Sens. 1; H317 Eye Irrit. 2; H319</td>
<td>2.5 - 10.0 % by weight</td>
</tr>
<tr>
<td>dibenzoyl peroxide</td>
<td>Org. Perox. B; H241 Eye Irrit. 2; H319</td>
<td>&lt; 2.5 % by weight</td>
</tr>
<tr>
<td></td>
<td>Skin Sens. 1; H317</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Aquatic Acute 1:</td>
<td></td>
</tr>
<tr>
<td>ethanediol, ethylene glycol</td>
<td>Acute Tox. 4; H302 STOT RE 2; H373</td>
<td>&lt; 2.5 % by weight</td>
</tr>
</tbody>
</table>
SECTION 4: First aid measures

4.1 Description of first aid measures

General advice
If symptoms persist, call a physician.
Remove/Take off immediately all contaminated clothing.

If inhaled
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

In case of skin contact
IF ON SKIN: Gently wash with plenty of soap and water.

In case of eye contact
In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

If swallowed
If swallowed, seek medical advice immediately and show this container or label.
Clean mouth with water and drink afterwards plenty of water. Drink 1 or 2 glasses of water.
Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms
None known.

4.3 Indication of any immediate medical attention and special treatment needed

Immediate medical attention
No data available

Special medical treatment
No data available

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media
Carbon dioxide (CO2)
Dry powder
Foam
Water spray jet

Extinguishing media which must not be used for safety reasons
High volume water jet

5.2 Special hazards arising from the substance or mixture

Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases
Heating or fire can release toxic gas.

5.3 Advice for firefighters

Special protective equipment for firefighting
In the event of fire, wear self-contained breathing apparatus.
In the event of fire and/or explosion do not breathe fumes.
**Additional information on fire-fighting**

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations. Keep containers and surroundings cool with water spray.

**SECTION 6: Accidental release measures**

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions

Ensure adequate ventilation, especially in confined areas. Keep people away from and upwind of spill/leak.

6.2 Environmental precautions

Environmental precautions

The product should not be allowed to enter drains, water courses or the soil. Prevent spreading over a wide area (e.g. by containment or oil barriers).

6.3 Methods and material for containment and cleaning up

Methods for cleaning up

Use mechanical handling equipment. Treat recovered material as described in the section "Disposal considerations".

6.4 Reference to other sections

Reference to other sections

See chapter 8/13

6.5 Additional information

Other information

Dispose of in accordance with local regulations.

**SECTION 7: Handling and storage**

7.1 Precautions for safe handling

Advice on safe handling

None under normal processing. Caution: During machining in cured state dust is formed.

Advice on protection against fire and explosion

No special precautions required.

7.2 Conditions for safe storage, including any incompatibilities

Storage space and container requirements

Keep containers tightly closed in a cool, well-ventilated place. Store in accordance with local regulations. Keep only in original container.

Hints on storage assembly

Store in accordance with the particular national regulations.

German storage class

10-13 (TRGS 510)

7.3 Specific end use(s)

Specific use(s)

composite mortar

Further information: see technical data sheet.
SECTION 8: Exposure controls/personal protection

8.1 Control parameters

ethanediol, ethylene glycol
Australia

<table>
<thead>
<tr>
<th>Long-term exposure value/ ppm</th>
<th>Long-term exposure value/ mg/m³</th>
<th>Short-term exposure value/ ppm</th>
<th>Short-term exposure value/ mg/m³</th>
<th>Note</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>10</td>
<td>40</td>
<td>104</td>
<td>Sk</td>
<td>39</td>
</tr>
</tbody>
</table>

Source: 39 – WORKPLACE EXPOSURE STANDARDS FOR AIRBORNE CONTAMINANTS 18.April 2013

Europe

<table>
<thead>
<tr>
<th>Long-term exposure value/ mg/m³</th>
<th>Long-term exposure value/ ppm</th>
<th>Short-term exposure value/ mg/m³</th>
<th>Short-term exposure value/ ppm</th>
<th>Note</th>
<th>Issuing date</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>52</td>
<td>20</td>
<td>104</td>
<td>40</td>
<td>Skin</td>
<td>2000/39</td>
<td>24</td>
</tr>
</tbody>
</table>

Source: 24 – DIRECTIVE 2009/161/EU

8.2 Exposure controls

Respiratory protection: No personal respiratory protective equipment normally required.

Hand protection: not required under normal use

Suitable material: butyl-rubber, Chloroprene, Nitrile rubber

Unsuitable material: PVC disposable gloves

Material thickness: adjust to application and duration of use

Break through time: adjust to application and duration of use

Remarks: Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).

Reference substance: Replace when worn.

Eye protection: Tightly fitting safety goggles

Skin and body protection: Wear suitable protective equipment.

Note: Choose body protection according to the amount and concentration of the dangerous substance at the work place.

General protective and hygiene measures: Smoking, eating and drinking should be prohibited in the application area.

Avoid contact with skin, eyes and clothing.

Take off all contaminated clothing immediately.

Wash hands before breaks and at the end of workday.

Keep away from food, drink and animal feedingstuffs.

Use protective skin cream before handling the product.
Information on environmental protection regulations

No special environmental precautions required.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form: paste
Colour: grey
Odour: characteristic
Odour threshold: not determined
pH: No data available

Melting point [°C] / Freezing point [°C]: No data available

Boiling point [°C]: no data available

Flash point [°C]: > 100

Evaporation rate [kg/(s*m²)]: No data available

Flammability (solid, gas): No data available

Explosion limits [Vol-%]:
- Lower limit: not determined
- Upper limit: not determined

Vapour pressure [kPa]: No data available

Vapour density: No data available

Density [g/cm³]: 1.7 – 1.9
- Temperature: 20 °C

Relative density: No data available

Solubility: No data available

Water solubility [g/l]: not determined

Solubility [g/l]: No data available

Partition coefficient n-octanol / water (log P o/w): No data available

Autoinflammability: not auto-flammable

Decomposition temperature [°C]: not determined

Viscosity, dynamic [kg/(m*s)]: 90 – 150
- Temperature: 20 °C

Explosive properties: Not explosive
Risk of explosion. Not explosive
Oxidising properties No

9.2 Other information
Relative vapour density (air=1) not determined

SECTION 10: Stability and reactivity

10.1 Reactivity
Thermal decomposition No decomposition if stored and applied as directed.

10.2 Chemical stability
Chemical stability Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
Hazardous reactions No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid
Conditions to avoid No decomposition if used as directed.

10.5 Incompatible materials
Materials to avoid Not applicable.

10.6 Hazardous decomposition products
Hazardous decomposition products No decomposition if used as directed.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Hazardous ingredients
Cement, portland, chemicals

<table>
<thead>
<tr>
<th>Oral toxicity [mg/kg]</th>
<th>Test criterion</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt; 2000</td>
<td>LD50</td>
<td>literature value</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dermal toxicity [mg/kg]</th>
<th>Test criterion</th>
<th>Test species</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt; 2000</td>
<td>LD50</td>
<td>rabbit</td>
<td>Limit test 2000 mg/kg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Inhalative toxicity [mg/l]</th>
<th>Test criterion</th>
<th>Test species</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt; 5</td>
<td>LC50</td>
<td>rat</td>
<td>Limit Test 5 g/m³</td>
</tr>
</tbody>
</table>
Sensitization May cause an allergic skin reaction.
Carcinogenic effects Not applicable.
Mutagenicity Not applicable.
Reproduction toxicity Not applicable.
Caustic effect No data available

<table>
<thead>
<tr>
<th>Specific target organ toxicity (single exposure) [mg/kg]</th>
<th>Specific effects</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Irritating to respiratory system. (dust)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Specific target organ toxicity (repeated exposure) [mg/kg]</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>

Tetramethylen dimethacrylate

<table>
<thead>
<tr>
<th>Oral toxicity [mg/kg]</th>
<th>Test criterion</th>
<th>Test species</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt; 2000</td>
<td>LD50</td>
<td>rat</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dermal toxicity [mg/kg]</th>
<th>Test criterion</th>
<th>Test species</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt; 3000</td>
<td>LD50</td>
<td>rabbit</td>
</tr>
</tbody>
</table>

Inhalative toxicity [mg/l]
No data available

<table>
<thead>
<tr>
<th>Sensitization</th>
<th>Skin sensitizer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carcinogenic effects</td>
<td>Contains no ingredient listed as a carcinogen</td>
</tr>
<tr>
<td>Mutagenicity</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Reproduction toxicity</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Caustic effect</td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Specific target organ toxicity (single exposure) [mg/kg]</th>
<th>Specific effects</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>none</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Specific target organ toxicity (repeated exposure) [mg/kg]</th>
<th>Specific effects</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>none</td>
</tr>
</tbody>
</table>
2-hydroxypropyl methacrylate

<table>
<thead>
<tr>
<th>Oral toxicity [mg/kg]</th>
<th>Test criterion</th>
<th>Test species</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt; 2000</td>
<td>LD50</td>
<td>rat</td>
<td>OECD 401 Limit Test.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dermal toxicity [mg/kg]</th>
<th>Test criterion</th>
<th>Test species</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt; 5000</td>
<td>LD50</td>
<td>rabbit</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Inhalative toxicity [mg/l]</th>
<th>Test criterion</th>
<th>Test species</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Sensitization: Skin sensitizer
- Carcinogenic effects: Not applicable.
- Mutagenicity: Not applicable.
- Remarks: OECD 471 (Ames Test) / OECD 476.

<table>
<thead>
<tr>
<th>Reproduction toxicity</th>
<th>Test species</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Caustic effect</td>
<td></td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Specific target organ toxicity (single exposure) [mg/kg]</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Specific target organ toxicity (repeated exposure) [mg/kg]</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>

dibenzoyl peroxide

<table>
<thead>
<tr>
<th>Oral toxicity [mg/kg]</th>
<th>Test criterion</th>
<th>Test species</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt; 5000</td>
<td>LD50</td>
<td>rat</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Inhalative toxicity [mg/l]</th>
<th>Test criterion</th>
<th>Test species</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>24300</td>
<td>LC50</td>
<td>rat</td>
<td>(dust)</td>
</tr>
</tbody>
</table>

ethanediol, ethylene glycol

<table>
<thead>
<tr>
<th>Oral toxicity [mg/kg]</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Harmful if swallowed.</td>
</tr>
</tbody>
</table>
### Dermal toxicity [mg/kg]

<table>
<thead>
<tr>
<th>Test criterion</th>
<th>Test species</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50</td>
<td>rabbit</td>
</tr>
</tbody>
</table>

### Inhalative toxicity [mg/l]

<table>
<thead>
<tr>
<th>Test criterion</th>
<th>Test species</th>
<th>Note</th>
<th>Exposure duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50</td>
<td>rat</td>
<td>(as aerosol)</td>
<td>6 h</td>
</tr>
</tbody>
</table>

#### Sensitization
- not sensitizing.

#### Carcinogenic effects
- Contains no ingredient listed as a carcinogen

#### Mutagenicity
- Not applicable.

#### Reproduction toxicity
- Not applicable.

#### Caustic effect
- No data available

<table>
<thead>
<tr>
<th>Specific target organ toxicity (repeated exposure) [mg/kg]</th>
<th>Route of exposure</th>
<th>Organs affected</th>
<th>Specific effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ingestion</td>
<td>Causes damage to kidneys if swallowed.</td>
<td>Causes damage to organs through prolonged or repeated exposure.</td>
<td></td>
</tr>
<tr>
<td>Skin contact</td>
<td>May cause damage to kidneys in contact with skin.</td>
<td>Causes damage to organs through prolonged or repeated exposure.</td>
<td></td>
</tr>
</tbody>
</table>

#### Irritant effect on skin
- Irritating to skin and mucous membranes

#### Irritant effect on eyes
- Irritating to eyes.

### 11.2 Additional information

#### Other information (chapter 11.)
- The product itself has not been tested.

### SECTION 12: Ecological information

#### 12.1 Toxicity

### Hazardous ingredients
- Cement, portland, chemicals

<table>
<thead>
<tr>
<th>Toxicity to fish [mg/l]</th>
<th>Test criterion</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt; 100</td>
<td>LC50</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Toxicity to daphnia [mg/l]</th>
<th>Test criterion</th>
<th>Test species</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt; 100</td>
<td>LC50</td>
<td>Daphnia magna (Water flea)</td>
</tr>
</tbody>
</table>
### Toxicity to algae [mg/l]

<table>
<thead>
<tr>
<th>Test criterion</th>
<th>Measuring method</th>
<th>Exposure duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt; 100</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Biodegradability

Biodegradability: Not applicable. (inorganic)

### Tetramethylen dimethacrylate

<table>
<thead>
<tr>
<th>Toxicity to fish [mg/l]</th>
<th>Test criterion</th>
<th>Measuring method</th>
<th>Exposure duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>32,5</td>
<td>LC50</td>
<td>DIN 38412</td>
<td>48 h</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Toxicity to algae [mg/l]</th>
<th>Test criterion</th>
<th>Test species</th>
<th>Measuring method</th>
</tr>
</thead>
<tbody>
<tr>
<td>9,79</td>
<td>EC50</td>
<td>Scenedesmus capricornutum (fresh water algae)</td>
<td>OECD Test Guideline 201</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NOEC (daphnia) [mg/l]</th>
<th>Test species</th>
<th>Measuring method</th>
</tr>
</thead>
<tbody>
<tr>
<td>7,51</td>
<td>Daphnia magna (Big water flea)</td>
<td>OECD 211</td>
</tr>
</tbody>
</table>

### Biodegradability

Biodegradability: Readily biodegradable.

### 2-hydroxypropyl methacrylate

<table>
<thead>
<tr>
<th>Toxicity to fish [mg/l]</th>
<th>Test criterion</th>
<th>Test species</th>
<th>Measuring method</th>
<th>Exposure duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>493</td>
<td>LC50</td>
<td>Leuciscus idus (Golden orfe)</td>
<td>DIN 38412</td>
<td>48 h</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Toxicity to daphnia [mg/l]</th>
<th>Test criterion</th>
<th>Test species</th>
<th>Exposure duration</th>
<th>Measuring method</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt; 130</td>
<td>EC50</td>
<td>Daphnia magna (Water flea)</td>
<td>48 h</td>
<td>OECD Test Guideline 202</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Toxicity to algae [mg/l]</th>
<th>Test criterion</th>
<th>Test species</th>
<th>Exposure duration</th>
<th>Measuring method</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt; 97,2</td>
<td>EC50</td>
<td>Selenastrum capricornutum</td>
<td>72 h</td>
<td>OECD Test Guideline 201</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NOEC (daphnia) [mg/l]</th>
<th>Test criterion</th>
<th>Test species</th>
<th>Measuring method</th>
<th>Exposure duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>24,1</td>
<td>NOEC</td>
<td>Daphnia magna (Big water flea)</td>
<td>OECD 202</td>
<td>21 d</td>
</tr>
</tbody>
</table>
### Biodegradability

- Readily biodegradable.

#### Ready degradability
dibenzoyl peroxide

<table>
<thead>
<tr>
<th>Test criterion</th>
<th>Test species</th>
<th>Exposure duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50</td>
<td></td>
<td>96 h</td>
</tr>
</tbody>
</table>

#### Toxicity to fish [mg/l]

<table>
<thead>
<tr>
<th>Test criterion</th>
<th>Test species</th>
<th>Exposure duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.06</td>
<td></td>
<td>96 h</td>
</tr>
</tbody>
</table>

#### Toxicity to daphnia [mg/l]

<table>
<thead>
<tr>
<th>Test criterion</th>
<th>Test species</th>
<th>Exposure duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.11</td>
<td>Daphnia magna (Water flea)</td>
<td>48 h</td>
</tr>
</tbody>
</table>

#### Toxicity to algae [mg/l]

<table>
<thead>
<tr>
<th>Test criterion</th>
<th>Test species</th>
<th>Exposure duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.06</td>
<td></td>
<td>72 h</td>
</tr>
</tbody>
</table>

### Ready degradability

- ethanediol, ethylene glycol

#### Toxicity to fish [mg/l]

<table>
<thead>
<tr>
<th>Test criterion</th>
<th>Test species</th>
<th>Exposure duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>72860</td>
<td>Pimephales promelas (Pimephales promelas (fathead minnow))</td>
<td>96 h</td>
</tr>
</tbody>
</table>

#### Toxicity to daphnia [mg/l]

<table>
<thead>
<tr>
<th>Test criterion</th>
<th>Test species</th>
<th>Exposure duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt; 100</td>
<td>Daphnia magna (Water flea)</td>
<td>48 h</td>
</tr>
</tbody>
</table>

#### Toxicity to algae [mg/l]

<table>
<thead>
<tr>
<th>Test criterion</th>
<th>Test species</th>
<th>Exposure duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt; 6500</td>
<td>Selenastrum capricornutum</td>
<td>96 h</td>
</tr>
</tbody>
</table>

#### NOEC (fish) [mg/l]

<table>
<thead>
<tr>
<th>Test criterion</th>
<th>Test species</th>
<th>Exposure duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>15380</td>
<td>Pimephales promelas (fathead minnow)</td>
<td>7 d</td>
</tr>
</tbody>
</table>

#### NOEC (daphnia) [mg/l]

<table>
<thead>
<tr>
<th>Test criterion</th>
<th>Exposure duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>8590</td>
<td>7 d</td>
</tr>
</tbody>
</table>

### Biodegradability

- 90 – 100 %
12.2 Persistence and degradability

Elimination and distribution mechanisms
There is no data available for this product.

Elimination in purification plant
There is no data available for this product.

12.3 Bioaccumulative potential

Bioaccumulation
There is no data available for this product.

Bioconcentration factor (BCF)
There is no data available for this product.

12.4 Mobility in soil

Distribution in the environment
There is no data available for this product.

Mobility

Mobility:
There is no data available for this product.

12.5 Results of PBT and vPvB assessment

Results of PBT characteristics determination
This preparation contains no substance considered to be very persistent nor very bioaccumulating (vPvB).

12.6 Other adverse effects

Further information on ecology
The product itself has not been tested.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Disposal considerations
The product should not be allowed to enter drains, water courses or the soil.
Dispose of waste according to applicable legislation.
Empty remaining contents.
SECTION 14: Transport information

<table>
<thead>
<tr>
<th>Section</th>
<th>Land transport ADR/RID</th>
<th>Marine transport IMDG</th>
<th>Air transport ICAO/IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.1 UN-No</td>
<td>Not applicable.</td>
<td>Not applicable.</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>14.2 Description of the goods</td>
<td>No dangerous good according to ADR</td>
<td>No dangerous good according to IMDG</td>
<td>No dangerous good according to IATA</td>
</tr>
<tr>
<td>14.2 UN proper shipping name</td>
<td>Non dangerous good</td>
<td>Non dangerous good</td>
<td>Non dangerous good</td>
</tr>
<tr>
<td>14.3 Transport hazard class(es)</td>
<td>Not applicable.</td>
<td>Not applicable.</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>14.4 Packaging group</td>
<td>Not applicable.</td>
<td>Not applicable.</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>14.5 Environmental hazards</td>
<td>Not applicable.</td>
<td>Not applicable.</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Danger releasing substance</td>
<td>Not applicable.</td>
<td>Not applicable.</td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>

14.6 Special precautions for user
Precautions not required under normal use

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code
Transport in bulk according to Annex II of MARPOL and the IBC Code not applicable

14.8 Additional information
Other information (chapter 14.) Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Decopaint regulation Exempt
Carcinogenic hazardous substance as per Annex II GefStoffV no
Restriction of occupation. Exempt
Water Hazard Class (Ger.) 1
Classification in compliance with the Industrial Safety Regulation Exempt

15.2 Chemical safety assessment
Safety assessment Not relevant. Chemical safety assessments for substances in this mixture were not carried out.

Additional regulations Not applicable.
SECTION 16: Other information

Relevant H-phrases

H241: Heating may cause a fire or explosion.
H302: Harmful if swallowed.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.
H373: May cause damage to organs through prolonged or repeated exposure.
H400: Very toxic to aquatic life.

Wording of the hazard classes

Skin Irrit.: Skin irritation
Eye Dam.: Serious eye damage
Skin Sens.: Skin sensitization
STOT SE: Specific target organ toxicity – single exposure
Eye Irrit.: Serious eye irritation
Org. Perox.: Organic peroxide
Aquatic Acute: Hazardous to the aquatic environment
Acute Tox.: Acute toxicity
STOT RE: Specific target organ toxicity – repeated exposure

GHS Classification

<table>
<thead>
<tr>
<th>Classification</th>
<th>Evaluation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin Irrit. 2; H315</td>
<td>Calculated</td>
</tr>
<tr>
<td>Eye Dam. 1; H318</td>
<td>Calculated</td>
</tr>
<tr>
<td>Skin Sens. 1; H317</td>
<td>Calculated</td>
</tr>
</tbody>
</table>

Recommended restrictions

None under normal processing. Observe technical data sheet.

Modifications of the previous version are denoted with an asterisk (*).

This information is provided in accordance with the current status of our knowledge and experience. The Safety Data Sheet describes products with a view to relevant safety requirements. This information does not constitute a warranty of properties, features or qualities.
SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier
Commercial Product Name: FIS V 410 C

1.2 Relevant identified uses of the substance or mixture and uses advised against
Relevant identified uses: composite mortar
Recommended restrictions: None under normal processing. Observe technical data sheet.

1.3 Details of the supplier of the safety data sheet
Company designation: fischerwerke GmbH & Co. KG
Klaus-Fischer-Straße 1
D-72178 Waldachtal
Telephone: +49(0)7443 12-0
FAX: +49(0)7443 12-4222
Email: info-sdb@fischer.de
Internet: www.fischer.de

Marketer: AnchorMark Pty. Ltd.
Unit 1, 61 Waterview Close – Dandenong South VIC 3175, Australia
Tel.: +61 (0) 3 97992096
Fax: +61 (0) 3 97992096
Email: info@anchormark.com.au

1.4 Emergency telephone number
Emergency telephone number: FOR FIRST AID ADVICE CALL A POISONS INFORMATION CENTRE PHONE 13 11 26
THIS NUMBER IS FOR USE IN AUSTRALIA ONLY

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture
GHS Classification: Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1; H317

2.2 Label elements
Hazard pictogram

Signal word: Danger

Hazardous component(s) to be indicated on label: tetramethyldimethacrylat, Cement, portland, chemicals, 2-hydroxypropyl methacrylate, dibenzoyl peroxide

H-statement(s):
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.

P-statement(s)
P101: If medical advice is needed, have product container or label at hand.
P102: Keep out of reach of children.
P280: Wear protective gloves/protective clothing/eye protection/face protection.
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.

2.3 Other hazards
Health hazard None known.
Particular information pertaining specific risk for human / environment None known.
Indication of danger None known.
Hazard precautions None known.

SECTION 3: Composition/information on ingredients

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>GHS Classification</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>tetramethylendimethacrylat</td>
<td>Skin Sens. 1; H317</td>
<td>10.0 – 25.0 % by weight</td>
</tr>
<tr>
<td>Cement, portland, chemicals</td>
<td>Skin Irrit. 2; H315 Eye Dam. 1; H318 STOT SE 3; H335</td>
<td>10.0 – 25.0 % by weight</td>
</tr>
<tr>
<td>2-hydroxypropyl methacrylate</td>
<td>Skin Sens. 1; H317 Eye Irrit. 2; H319</td>
<td>2.5 – 10.0 % by weight</td>
</tr>
<tr>
<td>dibenzoyl peroxide</td>
<td>Org. Perox. B; H241 Eye Irrit. 2; H319 Skin Sens. 1; H317 Aquatic Acute 1; H400</td>
<td>&lt; 2.5 % by weight</td>
</tr>
</tbody>
</table>

SECTION 4: First aid measures

4.1 Description of first aid measures
General advice If symptoms persist, call a physician.
Remove/Take off immediately all contaminated clothing.
If inhaled
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

In case of skin contact
IF ON SKIN: Gently wash with plenty of soap and water.

In case of eye contact
In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes.

If swallowed
If swallowed, seek medical advice immediately and show this container or label.
Clean mouth with water and drink afterwards plenty of water. Drink 1 or 2 glasses of water.
Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed
Symptoms
None known.

4.3 Indication of any immediate medical attention and special treatment needed
Immediate medical attention
No data available

Special medical treatment
No data available

SECTION 5: Firefighting measures

5.1 Extinguishing media
Suitable extinguishing media
Carbon dioxide (CO2)
Dry powder
Foam
Water spray jet

Extinguishing media which must not be used for safety reasons
High volume water jet

5.2 Special hazards arising from the substance or mixture
Special exposure hazards arising from the substance or preparation itself, its combustion products, or released gases
Heating or fire can cause the formation of methyl methacrylate vapors. Vapours are heavier than air.
Heating or fire can release toxic gas.

5.3 Advice for firefighters
Special protective equipment for firefighting
In the event of fire, wear self-contained breathing apparatus.
In the event of fire and/or explosion do not breathe fumes.

Additional information on firefighting
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.
Keep containers and surroundings cool with water spray.
SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Personal precautions
Ensure adequate ventilation, especially in confined areas.
Keep people away from and upwind of spill/leak.

6.2 Environmental precautions
Environmental precautions
The product should not be allowed to enter drains, water courses or the soil.
Prevent spreading over a wide area (e.g. by containment or oil barriers).

6.3 Methods and material for containment and cleaning up
Methods for cleaning up
Use mechanical handling equipment.
Treat recovered material as described in the section "Disposal considerations".

6.4 Reference to other sections
Reference to other sections
See chapter 8/13

6.5 Additional information
Other information
Dispose of in accordance with local regulations.

SECTION 7: Handling and storage

7.1 Precautions for safe handling
Advice on safe handling
None under normal processing.
Caution: During machining in cured state dust is formed.

Advice on protection against fire and explosion
No special precautions required.

7.2 Conditions for safe storage, including any incompatibilities
Storage space and container requirements
Keep containers tightly closed in a cool, well-ventilated place.
Store in accordance with local regulations.
Keep only in original container.

Hints on storage assembly
Store in accordance with the particular national regulations.

German storage class
10-13 (TRGS 510)

7.3 Specific end use(s)
Specific use(s)
composite mortar
Further information: see technical data sheet.
SECTION 8: Exposure controls/personal protection

8.1 Control parameters
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

8.2 Exposure controls

Respiratory protection No personal respiratory protective equipment normally required.
Hand protection not required under normal use
Suitable material: butyl-rubber, Chloroprene, Nitrile rubber
Unsuitable material: PVC disposable gloves
Material thickness: adjust to application and duration of use
Break through time: adjust to application and duration of use
Remarks: Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact).
Reference substance: Replace when worn.

Eye protection Tightly fitting safety goggles
Skin and body protection Wear suitable protective equipment.
Note: Choose body protection according to the amount and concentration of the dangerous substance at the work place.

General protective and hygiene measures
Smoking, eating and drinking should be prohibited in the application area.
Avoid contact with skin, eyes and clothing.
Take off all contaminated clothing immediately.
Wash hands before breaks and at the end of workday.
Keep away from food, drink and animal feedingstuffs.
Use protective skin cream before handling the product.

Information on environmental protection regulations No special environmental precautions required.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties
Form paste
Colour grey
Odour characteristic
Odour threshold not determined
pH No data available
Melting point [°C] / Freezing point [°C]  No data available

Boiling point [°C]  no data available

Flash point [°C]  > 100

Evaporation rate [kg/(s·m²)]  No data available

Flammability (solid, gas)  No data available

Explosion limits [Vol-% ]
   Lower limit:  not determined
   Upper limit:  not determined

Vapour pressure [kPa]  No data available

Vapour density  No data available

Density [g/cm³]  1.7 – 1.8
   Temperature:  20 °C

Relative density  No data available

Solubility  No data available

Water solubility [g/l]  not determined

Solubility [g/l]  No data available

Partition coefficient n-octanol / water (log P O/W)  No data available

Autoinflammability  not auto-flammable

Decomposition temperature [°C]  not determined

Viscosity, dynamic [kg/(m·s)]  180 – 230
   Temperature:  20 °C

Explosive properties  Not explosive

Risk of explosion.  Not explosive

Oxidising properties  No

9.2 Other information

Relative vapour density (air=1)  not determined

SECTION10: Stability and reactivity

10.1 Reactivity

Thermal decomposition  No decomposition if stored and applied as directed.
10.2 Chemical stability
Chemical stability Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions
Hazardous reactions No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid
Conditions to avoid No decomposition if used as directed.

10.5 Incompatible materials
Materials to avoid Not applicable.

10.6 Hazardous decomposition products
Hazardous decomposition products No decomposition if used as directed.

SECTION 11: Toxicological information

11.1 Information on toxicological effects
Hazardous ingredients

Tetramethylen dimethacrylate

<table>
<thead>
<tr>
<th>Oral toxicity [mg/kg]</th>
<th>Test criterion</th>
<th>Test species</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt; 2000</td>
<td>LD50</td>
<td>rat</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dermal toxicity [mg/kg]</th>
<th>Test criterion</th>
<th>Test species</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt; 3000</td>
<td>LD50</td>
<td>rabbit</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Inhalative toxicity [mg/l]</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>No data available</td>
<td></td>
</tr>
</tbody>
</table>

Sensitization Skin sensitizer
Carcinogenic effects Contains no ingredient listed as a carcinogen
Mutagenicity Not applicable.
Reproduction toxicity Not applicable.
Caustic effect Not applicable.

Specific target organ toxicity (single exposure) [mg/kg] Specific effects

none
### Specific target organ toxicity (repeated exposure) [mg/kg]

<table>
<thead>
<tr>
<th>Test criterion</th>
<th>Test species</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50</td>
<td>rabbit</td>
<td>Limit test 2000 mg/kg</td>
</tr>
</tbody>
</table>

### Specific target organ toxicity (single exposure) [mg/kg]

<table>
<thead>
<tr>
<th>Test criterion</th>
<th>Specific effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50</td>
<td>Irritating to respiratory system. (dust)</td>
</tr>
</tbody>
</table>

### Specific target organ toxicity (repeated exposure) [mg/kg]

<table>
<thead>
<tr>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not applicable.</td>
</tr>
</tbody>
</table>

### 2-hydroxypropyl methacrylate

<table>
<thead>
<tr>
<th>Test criterion</th>
<th>Test species</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50</td>
<td>rat</td>
<td>OECD 401 Limit Test.</td>
</tr>
<tr>
<td>LD50</td>
<td>rabbit</td>
<td></td>
</tr>
</tbody>
</table>

### Cement, portland, chemicals

#### Oral toxicity [mg/kg]

<table>
<thead>
<tr>
<th>Test criterion</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50</td>
<td>literature value</td>
</tr>
</tbody>
</table>

#### Dermal toxicity [mg/kg]

<table>
<thead>
<tr>
<th>Test criterion</th>
<th>Test species</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50</td>
<td>rabbit</td>
<td>Limit test 2000 mg/kg</td>
</tr>
</tbody>
</table>

#### Inhalative toxicity [mg/l]

<table>
<thead>
<tr>
<th>Test criterion</th>
<th>Test species</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50</td>
<td>rat</td>
<td>Limit Test 5 g/m³</td>
</tr>
</tbody>
</table>

### Sensitization

May cause an allergic skin reaction.

### Carcinogenic effects

Not applicable.

### Mutagenicity

Not applicable.

### Reproduction toxicity

Not applicable.

### Caustic effect

No data available

### Sensitization

May cause an allergic skin reaction.

### Carcinogenic effects

Not applicable.

### Mutagenicity

Not applicable.

### Reproduction toxicity

Not applicable.

### Caustic effect

No data available.
Sensitization  Skin sensitizer  
Carcinogenic effects  Not applicable.
Mutagenicity  Not applicable.
Remarks  OECD 471 (Ames Test) / OECD 476.
Reproduction toxicity  Not applicable.
Remarks  OECD 422.
Caustic effect  Not applicable.

<table>
<thead>
<tr>
<th>Specific target organ toxicity (single exposure) [mg/kg]</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Specific target organ toxicity (repeated exposure) [mg/kg]</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>

dibenzoyl peroxide

<table>
<thead>
<tr>
<th>Oral toxicity [mg/kg]</th>
<th>Test criterion</th>
<th>Test species</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt; 5000</td>
<td>LD50</td>
<td>rat</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Inhalative toxicity [mg/l]</th>
<th>Test criterion</th>
<th>Test species</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>24300</td>
<td>LC50</td>
<td>rat</td>
<td>(dust)</td>
</tr>
</tbody>
</table>

Irritant effect on skin  Irritating to skin and mucous membranes
Irritant effect on eyes  Irritating to eyes.

11.2 Additional information
Other information (chapter 11.)  The product itself has not been tested.

SECTION 12: Ecological information

12.1 Toxicity

Hazardous ingredients

Tetramethylen dimethacrylate

<table>
<thead>
<tr>
<th>Toxicity to fish [mg/l]</th>
<th>Test criterion</th>
<th>Measuring method</th>
<th>Exposure duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>32,5</td>
<td>LC50</td>
<td>DIN 38412</td>
<td>48 h</td>
</tr>
<tr>
<td>Toxicity to algae [mg/l]</td>
<td>Test criterion</td>
<td>Test species</td>
<td>Measuring method</td>
</tr>
<tr>
<td>------------------------</td>
<td>----------------</td>
<td>-------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>9.79</td>
<td>EC50</td>
<td>Scenedesmus capricornutum (fresh water algae)</td>
<td>OECD Test Guideline 201</td>
</tr>
</tbody>
</table>

NOEC (daphnia) [mg/l] | Test species | Measuring method |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>7.51</td>
<td>Daphnia magna (Big water flea)</td>
<td>OECD 211</td>
</tr>
</tbody>
</table>

Biodegradability
Readily biodegradable.
Cement, portland, chemicals

<table>
<thead>
<tr>
<th>Toxicity to fish [mg/l]</th>
<th>Test criterion</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt; 100</td>
<td>LC50</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Toxicity to daphnia [mg/l]</th>
<th>Test criterion</th>
<th>Test species</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt; 100</td>
<td>LC50</td>
<td>Daphnia magna (Water flea)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Toxicity to algae [mg/l]</th>
<th>Test criterion</th>
<th>Test species</th>
<th>Exposure duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>&gt; 97.2</td>
<td>EC50</td>
<td>Selenastrum capricornutum</td>
<td>72 h</td>
</tr>
</tbody>
</table>

Source: 100 – Company data
### Biodegradability

Ready degradability
dibenzoyl peroxide

<table>
<thead>
<tr>
<th>NOEC (daphnia) [mg/l]</th>
<th>Test criterion</th>
<th>Test species</th>
<th>Measuring method</th>
<th>Exposure duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>24.1</td>
<td>NOEC</td>
<td>Daphnia magna (Big water flea)</td>
<td>OECD 202</td>
<td>21 d</td>
</tr>
</tbody>
</table>

#### Toxicity to fish [mg/l]

<table>
<thead>
<tr>
<th>Test criterion</th>
<th>Exposure duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>LC50</td>
<td>96 h</td>
</tr>
</tbody>
</table>

#### Toxicity to daphnia [mg/l]

<table>
<thead>
<tr>
<th>Test criterion</th>
<th>Test species</th>
<th>Exposure duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC50</td>
<td>Daphnia magna (Water flea)</td>
<td>48 h</td>
</tr>
</tbody>
</table>

#### Toxicity to algae [mg/l]

<table>
<thead>
<tr>
<th>Test criterion</th>
<th>Exposure duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>EC50</td>
<td>72 h</td>
</tr>
</tbody>
</table>

### 12.2 Persistence and degradability

Elimination and distribution

There is no data available for this product.

Elimination in purification plant

There is no data available for this product.

### 12.3 Bioaccumulative potential

Bioaccumulation

There is no data available for this product.

Bioconcentration factor (BCF)

There is no data available for this product.

### 12.4 Mobility in soil

Distribution in the environment

There is no data available for this product.

Mobility

Mobility: There is no data available for this product.

### 12.5 Results of PBT and vPvB assessment

Results of PBT characteristics
determination

This preparation contains no substance considered to be very persistent nor very bioaccumulating (vPvB).
12.6 Other adverse effects
Further information on ecology  The product itself has not been tested.

SECTION13: Disposal considerations

13.1 Waste treatment methods
Disposal considerations  The product should not be allowed to enter drains, water courses or
the soil.
Dispose of waste according to applicable legislation.
Empty remaining contents.

SECTION14: Transport information

<table>
<thead>
<tr>
<th></th>
<th>Land transport ADR/RID</th>
<th>Marine transport IMDG</th>
<th>Air transport ICAO/IATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>14.1 UN-No</td>
<td>Not applicable.</td>
<td>Not applicable.</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>14.2 Description of the goods</td>
<td>No dangerous good according to ADR</td>
<td>No dangerous good according to IMDG</td>
<td>No dangerous good according to IATA</td>
</tr>
<tr>
<td>14.2 UN proper shipping name</td>
<td>Non dangerous good</td>
<td>Non dangerous good</td>
<td>Non dangerous good</td>
</tr>
<tr>
<td>14.3 Transport hazard class(es)</td>
<td>Not applicable.</td>
<td>Not applicable.</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>14.4 Packaging group</td>
<td>Not applicable.</td>
<td>Not applicable.</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>14.5 Environmental hazards</td>
<td>Not applicable.</td>
<td>Not applicable.</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Danger releasing substance</td>
<td>Not applicable.</td>
<td>Not applicable.</td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>

14.6 Special precautions for user
Precautions  not required under normal use

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code
Transport in bulk according to Annex II of MARPOL and the IBC Code  not applicable
14.8 Additional information
Other information (chapter 14.) Not dangerous goods in the meaning of ADR/RID, ADNR, IMDG-Code, ICAO/IATA-DGR

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
Decopaint regulation Exempt
Carcinogenic hazardous substance as per Annex II GefStoffV no
Restriction of occupation. Exempt
Water Hazard Class (Ger.) 1
Classification in compliance with the Industrial Safety Regulation Exempt

15.2 Chemical safety assessment
Safety assessment Not relevant. Chemical safety assessments for substances in this mixture were not carried out.
Additional regulations Not applicable.

SECTION 16: Other information

Relevant H-phrases H241: Heating may cause a fire or explosion.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H319: Causes serious eye irritation.
H335: May cause respiratory irritation.
H400: Very toxic to aquatic life.

Wording of the hazard classes Skin Irrit.: Skin irritation
Eye Dam.: Serious eye damage
Skin Sens.: Skin sensitization
STOT SE: Specific target organ toxicity – single exposure
Eye Irrit.: Serious eye irritation
Org. Perox.: Organic peroxide
Aquatic Acute: Hazardous to the aquatic environment

Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

<table>
<thead>
<tr>
<th>Classification</th>
<th>Evaluation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin Irrit. 2; H315</td>
<td>Calculated</td>
</tr>
<tr>
<td>Eye Dam. 1; H318</td>
<td>Calculated</td>
</tr>
<tr>
<td>Skin Sens. 1; H317</td>
<td>Calculated</td>
</tr>
</tbody>
</table>

Recommended restrictions None under normal processing. Observe technical data sheet.
Modifications of the previous version are denoted with an asterisk (*).

This information is provided in accordance with the current status of our knowledge and experience. The Safety Data Sheet describes products with a view to relevant safety requirements. This information does not constitute a warranty of properties, features or qualities.