Contact Adhesive 5

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

1.1. Product identifier
Contact Adhesive 5

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

Use of the substance/mixture
adhesives

Uses advised against
Only use for the intended purpose.
The product is intended for professional use.

1.3. Details of the supplier of the safety data sheet
Company name: FDT Flachdach Technologie GmbH & Co. KG
Eisenbahnstraße 6-8
D-68199 Mannheim
Telephone: +49 (621) 8504100
Telefax: +49 (621) 8504200

Contact person: Marco Anderer
Telephone: +49 (621) 8504563

Internet: http://www.fdt.de

1.4. Emergency telephone number:
Poison Control Center (Mayence, GER)
+49 (0)6131-19240 (24h - de, en)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No. 1272/2008

Hazard categories:
Flammable liquid: Flam. Liq. 2
Skin corrosion/irritation: Skin Irrit. 2
Serious eye damage/eye irritation: Eye Irrit. 2
Specific target organ toxicity - single exposure: STOT SE 3
Hazardous to the aquatic environment: Aquatic Chronic 2

Hazard Statements:
Highly flammable liquid and vapour.
Causes skin irritation.
Causes serious eye irritation.
May cause drowsiness or dizziness.
Toxic to aquatic life with long lasting effects.

2.2. Label elements

Regulation (EC) No. 1272/2008

Hazard components for labelling
Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane
ethyl acetate
cyclohexane
acetone; propan-2-one; propanone

Signal word: Danger
Contact Adhesive 5

Pictograms:

H225 Highly flammable liquid and vapour.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H411 Toxic to aquatic life with long lasting effects.

Hazard statements

Precautionary statements

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P241 Use explosion-proof electrical/ventilating/lighting equipment.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501 Dispose of contents/container in accordance with national disposal regulations.

2.3. Other hazards

The components in this mixture do not meet the criteria for classification as PBT or vPvB.

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>
</tr>
</thead>
<tbody>
<tr>
<td>926-605-8</td>
<td>Hydrocarbons, C6-C7, isoalkanes, cyclics, &lt;5% n-hexane</td>
<td>25-&lt;50 %</td>
</tr>
<tr>
<td>141-78-6</td>
<td>Ethyl acetate</td>
<td>10-&lt;24 %</td>
</tr>
<tr>
<td>67-64-1</td>
<td>Acetone; propan-2-one; propanone</td>
<td>2.5-&lt;10 %</td>
</tr>
<tr>
<td>110-82-7</td>
<td>Cyclohexane</td>
<td>2.5-&lt;10 %</td>
</tr>
<tr>
<td>78-93-3</td>
<td>Butanone; ethyl methyl ketone</td>
<td>0.5-&lt;1,5 %</td>
</tr>
<tr>
<td>110-54-3</td>
<td>n-Hexane</td>
<td>0.5-&lt;1,5 %</td>
</tr>
<tr>
<td>1314-13-2</td>
<td>Zinc oxide</td>
<td>&lt;0.5 %</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
In case of troubles or persistent symptoms, consult a doctor/physician.
Remove persons from danger area and lie them down. Never orally infuse something to an unconscious person. No special first aid measures necessary. A vomiting, supine person must be brought into recovery.
After inhalation
Provide fresh air. In case of respiratory tract irritation, consult a physician.
In case of irregular breathing or respiratory arrest, perform artificial respiration.

After contact with skin
After contact with skin, wash immediately with plenty of water and soap. Subsequently wash off with:
Polyethylene glycol 400. Change contaminated clothing. In case of skin irritation, consult a physician.

After contact with eyes
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.
Continue rinsing. If eye irritation persists: Get medical advice/attention.

After ingestion
Rinse mouth, spit liquid again. Do NOT induce vomiting. Let water be drunken in little sips (dilution effect). Call a physician immediately.

4.2. Most important symptoms and effects, both acute and delayed
After skin contact: Irritation and reddening.
Causes serious eye irritation.
May cause drowsiness or dizziness.

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

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media
Carbon dioxide (CO2). Extinguishing powder. Water spray. Fight larger fires with water spray jet or alcohol-resistant foam.

Unsuitable extinguishing media
High power water jet.

5.2. Special hazards arising from the substance or mixture
Thermal decomposition can lead to harmful gases and vapours.

5.3. Advice for firefighters
Co-ordinate fire-fighting measures to the fire surroundings. Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information
Do not allow to enter into surface water or drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Provide adequate ventilation. Keep away from sources of ignition - No smoking.
Avoid contact with skin, eyes and clothes. Wear personal protection equipment.

6.2. Environmental precautions
Do not allow to enter into surface water or drains.
In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

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
Safe handling: see section 7
Personal precautions: refer to section 8.
Disposal: see section 13
SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling
Provide adequate ventilation as well as local exhaust at critical locations. Handle and open container with care.

Advice on protection against fire and explosion
Keep away from sources of ignition. - No smoking. Take precautionary measures against static discharges.

7.2. Conditions for safe storage, including any incompatibilities

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

7.3. Specific end use(s)

adhesives

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits (EH40)

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Substance</th>
<th>ppm</th>
<th>mg/m³</th>
<th>fibres/ml</th>
<th>Category</th>
<th>Origin</th>
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<tbody>
<tr>
<td>67-64-1</td>
<td>Acetone</td>
<td>500</td>
<td>1210</td>
<td></td>
<td>TWA (8 h)</td>
<td>WEL</td>
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<td></td>
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<td>1500</td>
<td>3620</td>
<td></td>
<td>STEL (15 min)</td>
<td>WEL</td>
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<tr>
<td>78-93-3</td>
<td>Butan-2-one (methyl ethyl ketone)</td>
<td>200</td>
<td>600</td>
<td></td>
<td>TWA (8 h)</td>
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<td></td>
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<td>WEL</td>
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<td>110-82-7</td>
<td>Cyclohexane</td>
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<td>350</td>
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<td></td>
<td>300</td>
<td>1050</td>
<td></td>
<td>STEL (15 min)</td>
<td>WEL</td>
</tr>
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<td>141-78-6</td>
<td>Ethyl acetate</td>
<td>200</td>
<td>-</td>
<td></td>
<td>TWA (8 h)</td>
<td>WEL</td>
</tr>
<tr>
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<td></td>
<td>400</td>
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Biological Monitoring Guidance Values (EH40)

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<th>Parameter</th>
<th>Value</th>
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<td>78-93-3</td>
<td>Butan-2-one</td>
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<td>urine</td>
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<td>CAS No</td>
<td>Substance</td>
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<td>Exposure route</td>
<td>Effect</td>
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<td>-------------</td>
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<td>Hydrocarbons, C6-C7, isoalkanes, cyclics, &lt;5% n-hexane</td>
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<td></td>
<td>Consumer DNEL, long-term</td>
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<td></td>
<td>1301 mg/kg bw/day</td>
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<td></td>
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<tr>
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<td>Worker DNEL, long-term</td>
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<td>oral</td>
<td>systemic</td>
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<td>dermal</td>
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<td>62 mg/kg bw/day</td>
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<td>inhalation</td>
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<td>1210 mg/m³</td>
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<td>systemic</td>
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<td>Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics</td>
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<td>dermal</td>
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<td>300 mg/kg bw/day</td>
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<td>Worker DNEL, long-term</td>
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<td>477 mg/m³</td>
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<td>Worker DNEL, long-term</td>
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<td>2085 mg/m³</td>
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<td>Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, &lt;5% n-hexane</td>
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<td>699 mg/kg bw/day</td>
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<td>Consumer DNEL, long-term</td>
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<td>773 mg/kg bw/day</td>
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<td>Worker DNEL, long-term</td>
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<td>inhalation</td>
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<td>608 mg/m³</td>
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### Contact Adhesive 5

<table>
<thead>
<tr>
<th></th>
<th>Route of Exposure</th>
<th>DNEL, long-term</th>
<th>Value</th>
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<td>Worker DNEL, long-term</td>
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<td>2035 mg/m³</td>
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<td>Consumer DNEL, long-term</td>
<td>Oral</td>
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</tr>
<tr>
<td>Hydrocarbons, C6, isoalkanes, &lt;5% n-hexane</td>
<td>Dermal</td>
<td></td>
<td>1377 mg/kg bw/day</td>
</tr>
<tr>
<td>Worker DNEL, long-term</td>
<td>Dermal</td>
<td></td>
<td>13964 mg/kg bw/day</td>
</tr>
<tr>
<td>Consumer DNEL, long-term</td>
<td>Inhalation</td>
<td></td>
<td>1137 mg/m³</td>
</tr>
<tr>
<td>Worker DNEL, long-term</td>
<td>Inhalation</td>
<td></td>
<td>5306 mg/m³</td>
</tr>
<tr>
<td>Consumer DNEL, long-term</td>
<td>Oral</td>
<td></td>
<td>1301 mg/kg bw/day</td>
</tr>
<tr>
<td>1314-13-2 zinc oxide</td>
<td>Oral</td>
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<td>0.83 mg/kg bw/day</td>
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<tr>
<td>Consumer DNEL, long-term</td>
<td>Dermal</td>
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<td>83.3 mg/kg bw/day</td>
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<tr>
<td>Worker DNEL, long-term</td>
<td>Dermal</td>
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<td>83.3 mg/kg bw/day</td>
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<td>Consumer DNEL, long-term</td>
<td>Inhalation</td>
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<td>2.5 mg/m³</td>
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<td>Worker DNEL, long-term</td>
<td>Inhalation</td>
<td></td>
<td>5 mg/m³</td>
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PNEC values

<table>
<thead>
<tr>
<th>Substance</th>
<th>Environmental compartment Value</th>
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<tbody>
<tr>
<td>ethyl acetate</td>
<td>0,26 mg/l</td>
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<td>acetone; propan-2-one; propanone</td>
<td>10,6 mg/l</td>
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<td>butanone; ethyl methyl ketone</td>
<td>55,8 mg/l</td>
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<tr>
<td>zinc oxide</td>
<td>0,02 mg/l</td>
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</table>

8.2. Exposure controls

Protective and hygiene measures
Change contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink. Avoid skin, eye and clothing contact. After contact with skin, wash immediately with plenty of water and soap or a suitable cleaning agent.

Eye/face protection
Tightly fitting safety glasses with side shields.

Hand protection
Protect skin by using skin protective cream. Wear suitable gloves. When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances.

Skin protection
Full cover clothing covering arms and legs.
Respiratory protection

Use protective filter mask in case of short-term and low exposure; in case of intense or longer exposure, use respiratory protection device operating independently from circulating air.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: paste-like
Colour: black
Odour: characteristic

Test method

pH-Value: not determined

Changes in the physical state

Melting point: not determined
Initial boiling point and boiling range: 56 °C
Flash point: -18 °C

Flammability

Gas: not determined

Explosive properties

The product is not explosive, however, formation of explosive mixtures are possible.

Lower explosion limits: 0,8 vol. %
Upper explosion limits: 13 vol. %
Ignition temperature: 260 °C

Auto-ignition temperature

Gas: not determined

Decomposition temperature: not determined

Oxidizing properties

not determined

Vapour pressure: 247 hPa
(at 20 °C)
Density (at 20 °C): 0,89 g/cm³ EN ISO 2811-1
Water solubility: insoluble
Viscosity / dynamic: 5000 mPa·s ISO 2555
(at 20 °C)
Vapour density: not determined
Solvent content: not determined

9.2. Other information

No further information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reactivity under regular conditions.

10.2. Chemical stability

The product is stable under regular conditions.

10.3. Possibility of hazardous reactions

No known hazardous reactions.
10.4. Conditions to avoid
No information available.

10.5. Incompatible materials
No information available.

10.6. Hazardous decomposition products
Pyrolysis products, toxic chlorine compounds

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity
Based on available data, the classification criteria are not met.

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Exposure routes</th>
<th>Method</th>
<th>Dose</th>
<th>Species</th>
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<tr>
<td>141-78-6</td>
<td>ethyl acetate</td>
<td>oral</td>
<td>LD50</td>
<td>4100 mg/kg</td>
<td>Mouse</td>
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<td></td>
<td></td>
<td>dermal</td>
<td>LD50</td>
<td>&gt;20000 mg/kg</td>
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<td>67-64-1</td>
<td>acetone; propan-2-one; propanone</td>
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<td>LD50</td>
<td>5800 mg/kg</td>
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<td>76 mg/l</td>
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<td>LD50</td>
<td>&gt;5000 mg/kg</td>
<td>Rat</td>
<td></td>
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</tbody>
</table>

Irritation and corrosivity
Causes skin irritation.
Causes serious eye irritation.

Sensitising effects
Based on available data, the classification criteria are not met.

STOT-single exposure
May cause drowsiness or dizziness. (Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane), (ethyl acetate), (acetone; propan-2-one; propanone), (cyclohexane), (butanone; ethyl methyl ketone), (Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics, (n-hexane), (Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane), (Hydrocarbons, C6, isoalkanes, <5% n-hexane)

Severe effects after repeated or prolonged exposure
Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction
Based on available data, the classification criteria are not met.

Aspiration hazard
Based on available data, the classification criteria are not met.
12.1. Toxicity

Toxic to aquatic life with long lasting effects.

<table>
<thead>
<tr>
<th>CAS No</th>
<th>Chemical name</th>
<th>Method</th>
<th>Dose</th>
<th>[h]</th>
<th>[d]</th>
<th>Species</th>
<th>Source</th>
</tr>
</thead>
<tbody>
<tr>
<td>141-78-6</td>
<td>ethyl acetate</td>
<td>Acute fish toxicity</td>
<td>LC50</td>
<td>230 mg/l</td>
<td>96 h</td>
<td>Pimephales promelas</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute crustacea toxicity</td>
<td>EC50</td>
<td>165 mg/l</td>
<td>48 h</td>
<td>Daphnia magna</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Algea toxicity</td>
<td>NOEC</td>
<td>&gt;100 mg/l</td>
<td>3 d</td>
<td>Desmodesmus subspicatus</td>
<td></td>
</tr>
<tr>
<td>12.1. Toxicity</td>
<td>67-64-1</td>
<td>acetone; propan-2-one; propanone</td>
<td>Acute fish toxicity</td>
<td>LC50</td>
<td>5540 mg/l</td>
<td>96 h</td>
<td>Onchorhynchus mykiss</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute crustacea toxicity</td>
<td>EC50</td>
<td>6100 mg/l</td>
<td>48 h</td>
<td>Daphnia magna</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Algea toxicity</td>
<td>NOEC</td>
<td>4740 mg/l</td>
<td>2 d</td>
<td>Selenastrum capricornutum</td>
<td></td>
</tr>
<tr>
<td>12.1. Toxicity</td>
<td>78-93-3</td>
<td>butanone; ethyl methyl ketone</td>
<td>Acute fish toxicity</td>
<td>LC50</td>
<td>2990 mg/l</td>
<td>96 h</td>
<td>Pimephales promelas</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute algae toxicity</td>
<td>ErC50</td>
<td>1972 mg/l</td>
<td>72 h</td>
<td>Pseudokirchneriella subcapitata</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute crustacea toxicity</td>
<td>EC50</td>
<td>308 mg/l</td>
<td>48 h</td>
<td>Daphnia magna</td>
<td></td>
</tr>
<tr>
<td>12.1. Toxicity</td>
<td>110-54-3</td>
<td>n-hexane</td>
<td>Acute fish toxicity</td>
<td>LC50</td>
<td>2,5 mg/l</td>
<td>96 h</td>
<td>Pimephales promelas</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute algae toxicity</td>
<td>ErC50</td>
<td>0,21 mg/l</td>
<td>72 h</td>
<td>Pseudokirchneriella subcapitata</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Acute crustacea toxicity</td>
<td>EC50</td>
<td>2,2 mg/l</td>
<td>48 h</td>
<td>Daphnia magna</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Algea toxicity</td>
<td>NOEC</td>
<td>0,04 mg/l</td>
<td></td>
<td>Pseudokirchneriella subcapitata</td>
<td></td>
</tr>
</tbody>
</table>

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

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>67-64-1</td>
<td>acetone; propan-2-one; propanone</td>
<td>-0,24</td>
</tr>
<tr>
<td>110-54-3</td>
<td>n-hexane</td>
<td>3,9</td>
</tr>
</tbody>
</table>

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

The components in this mixture do not meet the criteria for classification as PBT or vPvB.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal

Disposal according to official regulations.
Consult the local waste disposal expert about waste disposal. According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

**Waste disposal number of waste from residues/unused products**

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>080409</td>
<td>WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants containing organic solvents or other hazardous substances Classified as hazardous waste.</td>
</tr>
</tbody>
</table>

**Waste disposal number of contaminated packaging**

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>150110</td>
<td>WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by hazardous substances Classified as hazardous waste.</td>
</tr>
</tbody>
</table>

**Contaminated packaging**

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

### SECTION 14: Transport information

**Land transport (ADR/RID)**

- **14.1. UN number:** UN 1133
- **14.2. UN proper shipping name:** Adhesives
- **14.3. Transport hazard class(es):** 3
- **14.4. Packing group:** III
- **Hazard label:** 3

**Classification code:** F1

**Special Provisions:** 640H

**Limited quantity:** 5 L

**Excepted quantity:** E1

**Transport category:** 3

**Tunnel restriction code:** D/E

**Inland waterways transport (ADN)**

- **14.1. UN number:** UN 1133
- **14.2. UN proper shipping name:** Adhesives
- **14.3. Transport hazard class(es):** 3
- **14.4. Packing group:** III
- **Hazard label:** 3

**Classification code:** F1

**Special Provisions:** 640H

**Limited quantity:** 5 L

**Excepted quantity:** E1

**Marine transport (IMDG)**
Contact Adhesive 5

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Product code: RCSO-FDT-006
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14.1. UN number: UN 1133
14.2. UN proper shipping name: Adhesives
14.3. Transport hazard class(es): 3
14.4. Packing group: III

Hazard label: 3

Marine pollutant: Ja
Special Provisions: 223, 955
Limited quantity: 5 L
Excepted quantity: E1
EmS: F-E, S-D

Air transport (ICAO)

14.1. UN number: UN 1133
14.2. UN proper shipping name: Adhesives
14.3. Transport hazard class(es): 3
14.4. Packing group: III

Hazard label: 3

Special Provisions: A3
Limited quantity Passenger: 10 L
Passenger LQ: Y344
Excepted quantity: E1

IATA-packing instructions - Passenger: 355
IATA-max. quantity - Passenger: 60 L
IATA-packing instructions - Cargo: 366
IATA-max. quantity - Cargo: 220 L

14.5. Environmental hazards
ENVIROMENTALLY HAZARDOUS: yes

14.6. Special precautions for user
No special precautions known.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
not applicable

SECTION 15: Regulatory information

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

EU regulatory information
2004/42/EC (VOC): 72,26%
643,4g/l

Additional information
Contact Adhesive 5

Safety Data Sheet

according to Regulation (EC) No 1907/2006

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Regulation (EC) No. 1005/2009 on substances that lead to the depletion of the ozone layer: not applicable
Regulation (EC) No. 848/2004 (Detergents regulation): not applicable
REGULATION (EC) No 850/2004 on persistent organic pollutants: not applicable
REGULATION (EC) No 689/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL concerning the export and import of dangerous chemicals: This mix contains no chemicals that are subject to the export notification procedures (annex 1).
This mixture contains the following substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH: none
This mixture contains the following substances of very high concern (SVHC) which are subject to authorisation according to Annex XIV of REACH: none

National regulatory information

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:
Hydrocarbons, C6-C7, isoalkanes, cyclics, <5% n-hexane
ethyl acetate
acetone; propan-2-one; propanone
cyclohexane
butanone; ethyl methyl ketone
Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics
n-hexane
Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane
Hydrocarbons, C6, isoalkanes, <5% n-hexane

SECTION 16: Other information

Changes

Version 1.00 - Creation - 24.01.2013
Version 1.01 - Classification/Labeling according Regulation No.1272/2008 (GHS/CLP) and general revision - 20.07.2015
Version 1.02 - Change and revision of the SDS because of new information / recipe - 02.09.2015

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)
CAS: Chemical Abstracts Service
EC: Effective Concentration
EG: European Community (Europäische Gemeinschaft)
EN: European Norm
IATA: International Air Transport Association
IBC Code: International Code for the Construction and Equipment of ships carrying Dangerous Chemicals in Bulk
ICAO: International Civil Aviation Organization
IMDG: International Maritime Code for Dangerous Goods
CLP: Classification, Labeling, Packaging
IUCLID: International Uniform Chemical Information Database
LC: Lethal concentration
LD: Lethal dose
log Kow: Octanol/water partition coefficient
MARPOL: Maritime Pollution Convention = Convention for the Prevention of Maritime Pollution from Ships
OECD: Organisation for Economic Co-operation and Development
PTB: Persistent, bio-cumulative, toxic
RID: Regulation Concerning the International Transport of Dangerous Goods by Rail
TRGS: Technische Regeln für Gefahrstoffe
<table>
<thead>
<tr>
<th>Relevant H and EUH statements (number and full text)</th>
</tr>
</thead>
<tbody>
<tr>
<td>H225 Highly flammable liquid and vapour.</td>
</tr>
<tr>
<td>H304 May be fatal if swallowed and enters airways.</td>
</tr>
<tr>
<td>H315 Causes skin irritation.</td>
</tr>
<tr>
<td>H319 Causes serious eye irritation.</td>
</tr>
<tr>
<td>H336 May cause drowsiness or dizziness.</td>
</tr>
<tr>
<td>H361f Suspected of damaging fertility.</td>
</tr>
<tr>
<td>H373 May cause damage to organs through prolonged or repeated exposure.</td>
</tr>
<tr>
<td>H400 Very toxic to aquatic life.</td>
</tr>
<tr>
<td>H410 Very toxic to aquatic life with long lasting effects.</td>
</tr>
<tr>
<td>H411 Toxic to aquatic life with long lasting effects.</td>
</tr>
<tr>
<td>EUH066 Repeated exposure may cause skin dryness or cracking.</td>
</tr>
</tbody>
</table>

Further Information
The information given in this safety data sheet is to describe the product's safety regulations. It is not for guaranteeing certain characteristics and is based on today's knowledge. The safety data sheet was generated upon information of pre-suppliers by:

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www.reacheck.eu

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