1. Identification of the substance/preparation and of the company/undertaking

1.1 Identification of the substance or preparation:
Product name: SOUDAL MULTI-PURPOSE SILICONE

1.2 Use of the substance/preparation:
Sealant

1.3 Company/undertaking identification:
SOUDAL N.V.
Everdongenlaan 18-20
B-2300 Turnhout
Tel: +32 14 42 42 31
Fax: +32 14 44 39 71
msds@soudal.com

1.4 Emergency telephone:
24h/24h: +32 14 58 45 45 (BIG)

2. Hazards identification

DSD/DPD
Not classified as dangerous according to the criteria of directive(s) 67/548/EEC and/or 1999/45/EC

3. Composition/information on ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS No EINECS/ELINCS</th>
<th>Conc.</th>
<th>Classification according to DSD/DPD</th>
<th>Classification according to CLP</th>
<th>Note</th>
</tr>
</thead>
<tbody>
<tr>
<td>gas oil, unspecified</td>
<td>64742-46-7 265-148-2</td>
<td>C&gt;10%</td>
<td>Xn; R65</td>
<td>Asp. Tox. 1; H304</td>
<td>1(2)</td>
</tr>
<tr>
<td>triacetoxyethylsilane</td>
<td>17689-77-9 241-677-4</td>
<td>1%&lt;C&lt;5%</td>
<td>C; R34</td>
<td>Skin Corr. 1B; H314</td>
<td>1</td>
</tr>
<tr>
<td>(benzene, conc&lt;0.1%)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(1) For R-phrases and H-statements in full: see heading 16
(2) Substance with a Community workplace exposure limit

4. First aid measures

4.1 After inhalation:
Remove the victim into fresh air
Respiratory problems: consult a doctor/medical service

4.2 Skin contact:
Wash immediately with lots of water
Soap may be used
Take victim to a doctor if irritation persists

4.3 Eye contact:
Rinse with water
Do not apply neutralizing agents
Take victim to an ophthalmologist if irritation persists

4.4 After ingestion:
Rinse mouth with water
Consult a doctor/medical service if you feel unwell
5. Fire-fighting measures

5.1 Suitable extinguishing media:
- Polyvalent foam
- Dry chemical powder
- Carbon dioxide

5.2 Unsuitable extinguishing media:
No unsuitable extinguishing media known

5.3 Special exposure hazards:
- Heating increases the fire hazard
- Upon combustion: formation of CO, CO2 and small quantities of sulphur oxides, hydrogen chloride

5.4 Instructions:
- Take account of environmentally hazardous firefighting water
- Use water moderately and if possible collect or contain it

5.5 Special protective equipment for fire-fighters:
- Gloves
- Protective clothing
- Heat/fire exposure: compressed air/oxygen apparatus

6. Accidental release measures

6.1 Personal precautions:
- See heading 8.2

6.2 Environmental precautions:
- Dam up the solid spill
- Prevent soil and water pollution
- Prevent spreading in sewers
- Use appropriate containment to avoid environmental contamination
- See heading 13

6.3 Methods for cleaning up:
- Cover the solid spill with sand/kieselguhr
- Scoop solid spill into closing containers
- Carefully collect the spill/leftovers
- Clean contaminated surfaces with a soap solution
- Wash clothing and equipment after handling

7. Handling and storage

7.1 Handling:
- Keep away from naked flames/heat
- Observe normal hygiene standards
- Keep container tightly closed

7.2 Storage:
- Safe storage requirements:
  - Store in a dry area
  - Store at room temperature
  - Meet the legal requirements
  - Max. storage time: 1 year(s)
- Keep away from:
  - oxidizing agents
- Suitable packaging material:
  - plastics

7.3 Specific use(s):
- See information supplied by the manufacturer for the identified use(s)

8. Exposure controls/Personal protection

Revision number: 0102   Product number: 44799   2 / 7
8.1 Exposure limit values:

8.1.1 Occupational exposure:
If limit values are applicable and available these will be listed below.

<table>
<thead>
<tr>
<th>Regulatory exposure limit (The Netherlands)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Olienevel (minerale olie)</td>
<td>Time-weighted average exposure limit</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Limit Value (Belgium)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Olie(minerale)(nevel)</td>
<td>Short time value - ppm</td>
</tr>
<tr>
<td></td>
<td>Time-weighted average exposure limit - ppm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>TLV (USA)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>(Oil mist,mineral, highly refined)</td>
<td>Short time value</td>
</tr>
<tr>
<td></td>
<td>Time-weighted average exposure limit</td>
</tr>
</tbody>
</table>

8.1.2 Sampling methods:

<table>
<thead>
<tr>
<th>Product name</th>
<th>Test</th>
<th>Number</th>
<th>Sampling method</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oil Mist (Mineral)</td>
<td>OSHA</td>
<td>ID 1785G</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oil Mist (Mineral)</td>
<td>OSHA</td>
<td>ID 128</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oil Mist (Mineral)</td>
<td>NIOSH</td>
<td>5026</td>
<td>filter</td>
<td></td>
</tr>
</tbody>
</table>

8.2 Exposure controls:

8.2.1 Occupational exposure controls:
Measure the concentration in the air regularly
Carry operations in the open/under local exhaust/ventilation or with respiratory protection
Personal protective equipment:

a) Respiratory protection:
Respiratory protection not required in normal conditions
Wear gas mask with filter type A if conc. in air > exposure limit

b) Hand protection:
Gloves

c) Eye protection:
Safety glasses

d) Skin protection:
Protective clothing

8.2.2 Environmental exposure controls:
See headings 6.2, 6.3 and 13

9. Physical and chemical properties

9.1 General information:

<table>
<thead>
<tr>
<th>Physical form</th>
<th>Paste</th>
</tr>
</thead>
<tbody>
<tr>
<td>Odour</td>
<td>Vinegar odour</td>
</tr>
<tr>
<td>Colour</td>
<td>Variable in colour, depending on the composition</td>
</tr>
</tbody>
</table>

9.2 Important health, safety and environmental information:

<table>
<thead>
<tr>
<th>Flashpoint</th>
<th>&gt; 100 °C</th>
</tr>
</thead>
<tbody>
<tr>
<td>Relative density</td>
<td>0.9</td>
</tr>
<tr>
<td>Solubility in solvents</td>
<td>Soluble in organic solvents</td>
</tr>
</tbody>
</table>

9.3 Other information:

10. Stability and reactivity

10.1 Conditions to avoid:
Possible fire hazard
heat sources

Stability
Stable under normal conditions
10.2 Materials to avoid:
oxidizing agents

10.3 Hazardous decomposition products:
Upon combustion: formation of CO, CO₂ and small quantities of sulphur oxides, hydrogen chloride

11. Toxicological information

11.1 Acute toxicity:
triacetoxyethylsilane

| LD₅₀ oral (rat) | 2415 mg/kg |

11.2 Chronic toxicity:
Not listed in carcinogenicity class (IARC, EC, TLV, MAK)
Not listed in mutagenicity class (EC, MAK)
Not classified as toxic to reproduction (EC)
gas oil, unspecified

| TLV - Carcinogen | (A4) |

11.3 Acute effects/symptoms:

**Inhalation:**
No data available

**Skin contact:**
ON CONTINUOUS EXPOSURE/CONTACT:
Dry skin
Cracking of the skin

**Eye contact:**
No data available

**Ingestion:**
No data available

11.4 Chronic effects:
No effects known

12. Ecological information

12.1 Ecotoxicity:
triacetoxyethylsilane

<table>
<thead>
<tr>
<th>LC₅₀ fishes</th>
<th>value</th>
<th>duration (h)</th>
<th>remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRACHYDANIO RERIO</td>
<td>250 mg/l</td>
<td>96 h</td>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>EC₅₀ Daphnia</th>
<th>species</th>
<th>value</th>
<th>duration (h)</th>
<th>remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>DAPHNIA MAGNA</td>
<td>62 mg/l</td>
<td>48 h</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>EC₅₀ other aquatic organisms</th>
<th>species</th>
<th>value</th>
<th>duration (h)</th>
<th>remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCENEDESMUS SUBSPICATUS</td>
<td>73 mg/l</td>
<td>72 h</td>
<td></td>
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</tbody>
</table>

12.2 Mobility:
Volatile organic compounds (VOC) < 2.0 %
VOC content (g/l) < 20 g/l
Solubility in/reaction with water
Literature reports; insoluble in water
Substance sinks in water

12.3 Persistence and degradability:
Biodegradability in water: no data available
12.4 Bioaccumulative potential:
No bioaccumulation data available

12.5 Results of PBT assessment:
Not applicable, based on available data

12.6 Other adverse effects:
Not dangerous for the ozone layer (1999/45/EC)

13. Disposal considerations

13.1 Provisions relating to waste:
Waste material code (Directive 2008/98/EC, decision 2001/118/EC)
08 04 10 : waste adhesives and sealants other than those mentioned in 08 04 09
Depending on branch of industry and production process, also other EURAL codes may be applicable
Can be considered as non hazardous waste according to Directive 2008/98/EC

13.2 Disposal methods:
Remove waste in accordance with local and/or national regulations
Do not discharge into drains or the environment. Dispose of at authorized waste collection point

13.3 Packaging/Container:
Waste material code packaging (Directive 2008/98/EC)
15 01 02 : plastic packaging

14. Transport information

<table>
<thead>
<tr>
<th>ADR</th>
<th>Not subject</th>
<th>UN number</th>
<th>-</th>
<th>Class</th>
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<td></td>
<td>Class</td>
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</tbody>
</table>
15. Regulatory information

15.1 EU Legislation:

DSD/DPD

15.2 National provisions:

The Netherlands
Waterbezwaarlijkheid (for NL) 6
Waste identification other lists of waste materials
LWCA (the Netherlands); KGA category 05

Germany
WGK 2
Classification water polluting based on the components in compliance with Verwaltungsvorschrift wassergefährdender Stoffe (VwVwS) of 27 July 2005 (Anhang 4)

16. Other information

The information in this safety data sheet is based on data and samples provided to BIG. The sheet was written to the best of our ability and according to the state of knowledge at that time. The safety data sheet only constitutes a guideline for the safe handling, use, consumption, storage, transport and disposal of the substances/preparations/mixtures mentioned under point 1. New safety data sheets are written from time to time. Only the most recent versions may be used. Old versions must be destroyed. Unless indicated otherwise word for word on the safety data sheet, the information does not apply to substances/preparations/mixtures in purer form, mixed with other substances or in processes. The safety data sheet offers no quality specification for the substances/preparations/mixtures in question.

Compliance with the instructions in this safety data sheet does not release the user from the obligation to take all measures dictated by common sense, regulations and recommendations or which are necessary and/or useful based on the real applicable circumstances. BIG does not guarantee the accuracy or exhaustiveness of the information provided. Use of this safety data sheet is subject to the licence and liability limiting conditions as stated in your BIG licence agreement. All intellectual property rights to this sheet are the property of BIG and its distribution and reproduction are limited. Consult your BIG licence agreement for details.

(*) = INTERNAL CLASSIFICATION (NFPA)

PBT-substances = persistent, bioaccumulative and toxic substances

DSD DPD CLP (EU-GHS) Dangerous Substance Directive Dangerous Preparation Directive Classification, labelling and packaging (Globally Harmonised System in Europe)

Full text of any R-phrases referred to under headings 2 and 3:

R14 Reacts violently with water
R34 Causes burns
R55 Harmful, may cause lung damage if swallowed
R66 Repeated exposure may cause skin dryness or cracking

Full text of any H-statements referred to under headings 2 and 3:

H304 May be fatal if swallowed and enters airways.
H314 Causes severe skin burns and eye damage.
Full text of any classes referred to under headings 2 and 3:

<table>
<thead>
<tr>
<th>Asp. Tox.</th>
<th>Aspiration hazard</th>
</tr>
</thead>
<tbody>
<tr>
<td>Skin Corr.</td>
<td>Skin corrosion</td>
</tr>
</tbody>
</table>