

GB

Page 1 of 23
Safety data sheet according to Regulation (EC) No 1907/2006, Annex II (last amended by Regulation (EU) 2020/878)
Revision date / version: 09.01.2025 / 0019
Replacing version dated / version: 28.08.2022 / 0018
Valid from: 09.01.2025
PDF print date: 10.01.2025
Liquimate 8300 Nahtabdichtung grau

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II (last amended by Regulation (EU) 2020/878)

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

1.1 Product identifier

Liquimate 8300 Nahtabdichtung grau

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

Relevant identified uses of the substance or mixture:

Sealant

Uses advised against:

No information available at present.

1.3 Details of the supplier of the safety data sheet

GB

LIQUI MOLY GmbH
Jerg-Wieland-Str. 4
89081 Ulm-Lehr
Tel.: (+49) 0731-1420-0
Fax: (+49) 0731-1420-88

Qualified person's e-mail address: info@chemical-check.de, k.schnurbusch@chemical-check.de Please DO NOT use for requesting Safety Data Sheets.

1.4 Emergency telephone number

Emergency information services / official advisory body:

GB

Landspítali- The National University Hospital of Iceland, tel. +354 543 2222 or 112 (valid only for Iceland)

Telephone number of the company in case of emergencies:

+49 (0) 700 / 24 112 112 (LMR)
+1 872 5888271 (LMR)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) 1272/2008 (CLP)

The mixture is not classified as dangerous in the terms of the Regulation (EC) 1272/2008 (CLP).

2.2 Label elements

Labeling according to Regulation (EC) 1272/2008 (CLP)

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II (last amended by Regulation (EU) 2020/878)
 Revision date / version: 09.01.2025 / 0019
 Replacing version dated / version: 28.08.2022 / 0018
 Valid from: 09.01.2025
 PDF print date: 10.01.2025
 Liquimate 8300 Nahtabdichtung grau

EUH208-Contains Trimethoxyvinylsilane, Reaction mass of: bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate and methyl-1,2,2,6,6-pentamethyl-4-piperidyl sebacate. May produce an allergic reaction.
 EUH210-Safety data sheet available on request.
 EUH212-Warning! Hazardous respirable dust may be formed when used. Do not breathe dust.

2.3 Other hazards

The mixture does not contain any vPvB substance (vPvB = very persistent, very bioaccumulative) or is not included under XIII of the regulation (EC) 1907/2006 (< 0,1 %).
 The mixture does not contain any PBT substance (PBT = persistent, bioaccumulative, toxic) or is not included under XIII of the regulation (EC) 1907/2006 (< 0,1 %).
 The mixture does not contain any substance with endocrine disrupting properties (< 0,1 %).

SECTION 3: Composition/information on ingredients

3.1 Substances

n.a.

3.2 Mixtures

| | |
|--|--|
| Hydrocarbons, C11-C12, isoalkanes, <2% aromatics | |
| Registration number (REACH) | 01-2119472146-39-XXXX |
| Index | --- |
| EINECS, ELINCS, NLP, REACH-IT List-No. | 918-167-1 |
| CAS | --- |
| content % | 1-<20 |
| Classification according to Regulation (EC) 1272/2008 (CLP), M-factors | EUH066 Flam. Liq. 3, H226 Asp. Tox. 1, H304 Aquatic Chronic 4, H413 |

| | |
|--|-------------------------------|
| Titanium dioxide (in powder form containing 1 % or more of particles with aerodynamic diameter <= 10 µm) | |
| Registration number (REACH) | 01-2119489379-17-XXXX |
| Index | 022-006-00-2 |
| EINECS, ELINCS, NLP, REACH-IT List-No. | 236-675-5 |
| CAS | 13463-67-7 |
| content % | 1-<10 |
| Classification according to Regulation (EC) 1272/2008 (CLP), M-factors | Carc. 2, H351 (as inhalation) |

| | |
|--|---|
| Trimethoxyvinylsilane | |
| Registration number (REACH) | 01-2119513215-52-XXXX |
| Index | 014-049-00-0 |
| EINECS, ELINCS, NLP, REACH-IT List-No. | 220-449-8 |
| CAS | 2768-02-7 |
| content % | <1 |
| Classification according to Regulation (EC) 1272/2008 (CLP), M-factors | Flam. Liq. 3, H226 Acute Tox. 4, H332 Skin Sens. 1B, H317 |
| Specific Concentration Limits and ATE | ATE (as inhalation, Dusts or mist): 1,5 mg/l/4h ATE (as inhalation, Vapours): 16,8 mg/l/4h |

| | |
|---|-----------|
| Reaction mass of: bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate and methyl-1,2,2,6,6-pentamethyl-4-piperidyl sebacate | |
| Registration number (REACH) | --- |
| Index | --- |
| EINECS, ELINCS, NLP, REACH-IT List-No. | 915-687-0 |
| CAS | --- |
| content % | <0,1 |

Page 3 of 23
Safety data sheet according to Regulation (EC) No 1907/2006, Annex II (last amended by Regulation (EU) 2020/878)
Revision date / version: 09.01.2025 / 0019
Replacing version dated / version: 28.08.2022 / 0018
Valid from: 09.01.2025
PDF print date: 10.01.2025
Liquimate 8300 Nahtabdichtung grau

| | |
|---|---|
| Classification according to Regulation (EC) 1272/2008 (CLP), M-factors | Skin Sens. 1A, H317 Aquatic Acute 1, H400 (M=1) Aquatic Chronic 1, H410 (M=1) |
|---|---|

For the text of the H-phrases and classification codes (GHS/CLP), see Section 16.
The substances named in this section are given with their actual, appropriate classification!
For substances that are listed in appendix VI, table 3.1 of the regulation (EC) no. 1272/2008 (CLP regulation) this means that all notes that may be given here for the named classification have been taken into account.
The addition of the highest concentrations listed here can result in a classification. Only when this classification is listed in Section 2 does it apply. In all other cases the total concentration is below the classification.

SECTION 4: First aid measures

4.1 Description of first aid measures

First-aiders should ensure they are protected!
Never pour anything into the mouth of an unconscious person!

Inhalation

Supply person with fresh air and consult doctor according to symptoms.
If the person is unconscious, place in a stable side position and consult a doctor.

Skin contact

Wipe off residual product carefully with a soft, dry cloth.
Remove polluted, soaked clothing immediately, wash thoroughly with plenty of water and soap, in case of irritation of the skin (flare), consult a doctor.

Eye contact

Remove contact lenses.
Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

Ingestion

Rinse the mouth thoroughly with water.
Consult doctor immediately - keep Data Sheet available.

4.2 Most important symptoms and effects, both acute and delayed

If applicable delayed symptoms and effects can be found in section 11 and the absorption route in section 4.1.
In certain cases, the symptoms of poisoning may only appear after an extended period / after several hours.
Sensitive individuals:
Allergic reaction possible.

4.3 Indication of any immediate medical attention and special treatment needed

Symptomatic treatment.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

CO₂
Extinction powder
Water jet spray
Alcohol resistant foam

Unsuitable extinguishing media

High volume water jet

5.2 Special hazards arising from the substance or mixture

In case of fire the following can develop:
Oxides of carbon
Toxic gases

5.3 Advice for firefighters

For personal protective equipment see Section 8.
In case of fire and/or explosion do not breathe fumes.
Protective respirator with independent air supply.
According to size of fire
Full protection, if necessary.
Dispose of contaminated extinction water according to official regulations.

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II (last amended by Regulation (EU) 2020/878)
Revision date / version: 09.01.2025 / 0019
Replacing version dated / version: 28.08.2022 / 0018
Valid from: 09.01.2025
PDF print date: 10.01.2025
Liquimate 8300 Nahtabdichtung grau

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

In case of spillage or accidental release, wear personal protective equipment as specified in section 8 to prevent contamination.
Ensure sufficient ventilation, remove sources of ignition.
Avoid dust formation with solid or powder products.
Leave the danger zone if possible, use existing emergency plans if necessary.
Avoid contact with eyes or skin.

6.1.2 For emergency responders

See section 8 for suitable protective equipment and material specifications.

6.2 Environmental precautions

If leakage occurs, dam up.
Resolve leaks if this possible without risk.
Do not pour down the drain undiluted.
Prevent surface and ground-water infiltration, as well as ground penetration.

6.3 Methods and material for containment and cleaning up

Pick up mechanically and dispose of according to Section 13.

6.4 Reference to other sections

For personal protective equipment see Section 8 and for disposal instructions see Section 13.

SECTION 7: Handling and storage

In addition to information given in this section, relevant information can also be found in section 8 and 6.1.

7.1 Precautions for safe handling

7.1.1 General recommendations

Ensure good ventilation.
Keep away from sources of ignition - Do not smoke.
Take precautions against electrostatic charges.
Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.
Observe directions on label and instructions for use.

7.1.2 Notes on general hygiene measures at the workplace

General hygiene measures for the handling of chemicals are applicable.
Wash hands before breaks and at end of work.
Keep away from food, drink and animal feedingstuffs.
Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

7.2 Conditions for safe storage, including any incompatibilities

Not to be stored in gangways or stair wells.
Store product closed and only in original packing.
Protect from direct sunlight and warming.
Protect from frost.
Store in a well ventilated place.
Store in a dry place.

7.3 Specific end use(s)

No information available at present.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Workplace exposure limit (WEL) of the total hydrocarbon solvent content of the mixture (RCP method according to EH40):
1200 mg/m³

The methanol listed below can arise upon contact with water.

GB

Page 5 of 23
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II (last amended by Regulation (EU) 2020/878)
 Revision date / version: 09.01.2025 / 0019
 Replacing version dated / version: 28.08.2022 / 0018
 Valid from: 09.01.2025
 PDF print date: 10.01.2025
 Liquimate 8300 Nahtabdichtung grau

| | | |
|--|--|-----|
| WEL-TWA: 1200 mg/m3 (>=C7 normal and branched chain alkanes) | WEL-STEL: --- | --- |
| Monitoring procedures: | <ul style="list-style-type: none"> - Draeger - Hydrocarbons 0,1%/c (81 03 571) - Draeger - Hydrocarbons 2/a (81 03 581) - Compur - KITA-187 S (551 174) | |
| BMGV: --- | Other information: --- | |

| | | |
|---|--|-----|
| Chemical Name | Titanium dioxide (in powder form containing 1 % or more of particles with aerodynamic diameter <= 10 µm) | |
| WEL-TWA: 10 mg/m3 (total inhalable dust), 4 mg/m3 (respirable dust) | WEL-STEL: --- | --- |
| Monitoring procedures: | --- | |
| BMGV: --- | Other information: --- | |

| | | |
|------------------------|------------------------|-----|
| Chemical Name | Diisononyl phthalate | |
| WEL-TWA: 5 mg/m3 | WEL-STEL: --- | --- |
| Monitoring procedures: | --- | |
| BMGV: --- | Other information: --- | |

| | | |
|---|------------------------|-----|
| Chemical Name | Calcium carbonate | |
| WEL-TWA: 4 mg/m3 (respirable dust), 10 mg/m3 (total inhalable dust) | WEL-STEL: --- | --- |
| Monitoring procedures: | --- | |
| BMGV: --- | Other information: --- | |

| | | |
|--|--|-----|
| Chemical Name | Methanol | |
| WEL-TWA: 200 ppm (266 mg/m3) (WEL-TWA), 200 ppm (260 mg/m3) (EU) | WEL-STEL: 250 ppm (333 mg/m3) (WEL-STEL) | --- |
| Monitoring procedures: | <ul style="list-style-type: none"> - Draeger - Alcohol 25/a Methanol (81 01 631) - Compur - KITA-119 SA (549 640) - Compur - KITA-119 U (549 657) - DFG Meth. Nr. 6 (D) (Lösungsmittelgemische 6), DFG (E) (Solvent mixtures 6) - 2013, 2002 - EU project BC/CEN/ENTR/000/2002-16 card 65-1 (2004) - NIOSH 2000 (METHANOL) - 1998 - NIOSH 2549 (VOLATILE ORGANIC COMPOUNDS (SCREENING)) - 1996 - NIOSH 3800 (ORGANIC AND INORGANIC GASES BY EXTRACTIVE FTIR SPECTROMETRY) - 2016 - Draeger - Alcohol 100/a (CH 29 701) | |
| BMGV: --- | Other information: Sk (WEL, EU) | |

| Titanium dioxide (in powder form containing 1 % or more of particles with aerodynamic diameter <= 10 µm) | | | | | | |
|--|--|-----------------------------|------------|--------|------------|------|
| Area of application | Exposure route / Environmental compartment | Effect on health | Descriptor | Value | Unit | Note |
| | Environment - freshwater | | PNEC | 0,184 | mg/l | |
| | Environment - marine | | PNEC | 0,0184 | mg/l | |
| | Environment - water, sporadic (intermittent) release | | PNEC | 0,193 | mg/l | |
| | Environment - sewage treatment plant | | PNEC | 100 | mg/l | |
| | Environment - sediment, freshwater | | PNEC | 1000 | mg/kg dw | |
| | Environment - sediment, marine | | PNEC | 100 | mg/kg dw | |
| | Environment - soil | | PNEC | 100 | mg/kg dw | |
| | Environment - oral (animal feed) | | PNEC | 1667 | mg/kg feed | |
| Consumer | Human - oral | Long term, systemic effects | DNEL | 700 | mg/kg bw/d | |
| Workers / employees | Human - inhalation | Long term, local effects | DNEL | 10 | mg/m3 | |

Trimethoxyvinylsilane

| Area of application | Exposure route / Environmental compartment | Effect on health | Descriptor | Value | Unit | Note |
|---------------------|--|------------------------------|------------|-------|-------------------|------------------------|
| | Environment - freshwater | | PNEC | 0,4 | mg/l | Assessment factor: 50 |
| | Environment - marine | | PNEC | 0,04 | mg/l | Assessment factor: 500 |
| | Environment - water, sporadic (intermittent) release | | PNEC | 1,21 | mg/l | |
| | Environment - sewage treatment plant | | PNEC | 6,6 | mg/l | |
| | Environment - sediment, freshwater | | PNEC | 0,29 | mg/kg dw | |
| | Environment - sediment, marine | | PNEC | 0,15 | mg/kg dw | |
| | Environment - soil | | PNEC | 0,048 | mg/kg dw | |
| Consumer | Human - dermal | Short term, systemic effects | DNEL | 0,1 | mg/kg bw/day | |
| Consumer | Human - dermal | Long term, systemic effects | DNEL | 0,63 | mg/kg bw/day | |
| Consumer | Human - inhalation | Long term, systemic effects | DNEL | 6,8 | mg/m ³ | |
| Consumer | Human - oral | Long term, systemic effects | DNEL | 0,63 | mg/kg bw/day | |
| Consumer | Human - inhalation | Short term, systemic effects | DNEL | 93,4 | mg/m ³ | |
| Workers / employees | Human - dermal | Long term, systemic effects | DNEL | 0,91 | mg/kg bw/d | |
| Workers / employees | Human - inhalation | Long term, systemic effects | DNEL | 27,6 | mg/m ³ | |
| Workers / employees | Human - inhalation | Short term, systemic effects | DNEL | 4,9 | mg/m ³ | |

| Reaction mass of: bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate and methyl-1,2,2,6,6-pentamethyl-4-piperidyl sebacate | | | | | | |
|--|--|------------------------------|------------|---------|-------------------|------|
| Area of application | Exposure route / Environmental compartment | Effect on health | Descriptor | Value | Unit | Note |
| | Environment - freshwater | | PNEC | 0,0022 | mg/l | |
| | Environment - marine | | PNEC | 0,00022 | mg/l | |
| | Environment - water, sporadic (intermittent) release | | PNEC | 0,009 | mg/l | |
| | Environment - sediment, freshwater | | PNEC | 1,05 | mg/kg | |
| | Environment - sediment, marine | | PNEC | 0,11 | mg/kg | |
| | Environment - soil | | PNEC | 0,21 | mg/kg | |
| | Environment - sewage treatment plant | | PNEC | 1 | mg/l | |
| Consumer | Human - oral | Long term, systemic effects | DNEL | 1,25 | mg/kg | |
| Consumer | Human - inhalation | Long term, systemic effects | DNEL | 0,58 | mg/m ³ | |
| Consumer | Human - dermal | Long term, systemic effects | DNEL | 1,25 | mg/kg | |
| Consumer | Human - oral | Short term, systemic effects | DNEL | 1,25 | mg/kg | |
| Consumer | Human - inhalation | Short term, systemic effects | DNEL | 0,58 | mg/m ³ | |
| Consumer | Human - dermal | Short term, systemic effects | DNEL | 1,25 | mg/kg | |

| | | | | | | |
|---------------------|--------------------|------------------------------|------|------|-------|--|
| Workers / employees | Human - dermal | Long term, systemic effects | DNEL | 2,5 | mg/kg | |
| Workers / employees | Human - inhalation | Long term, systemic effects | DNEL | 2,35 | mg/m3 | |
| Workers / employees | Human - inhalation | Short term, systemic effects | DNEL | 2,35 | mg/m3 | |
| Workers / employees | Human - dermal | Short term, systemic effects | DNEL | 2,5 | mg/kg | |

| Diisononyl phthalate | | | | | | |
|-----------------------------|--|-----------------------------|------------|-------|-------|------|
| Area of application | Exposure route / Environmental compartment | Effect on health | Descriptor | Value | Unit | Note |
| | Environment - soil | | PNEC | 30 | mg/kg | |
| | Environment - oral (animal feed) | | PNEC | 150 | mg/kg | |
| Consumer | Human - inhalation | Long term, systemic effects | DNEL | 15,3 | mg/m3 | |
| Consumer | Human - dermal | Long term, systemic effects | DNEL | 220 | mg/kg | |
| Consumer | Human - oral | Long term, systemic effects | DNEL | 4,4 | mg/kg | |
| Workers / employees | Human - dermal | Long term, systemic effects | DNEL | 366 | mg/kg | |
| Workers / employees | Human - inhalation | Long term, systemic effects | DNEL | 51,72 | mg/m3 | |

| Methanol | | | | | | |
|---------------------|--|------------------------------|------------|-------|--------------|------|
| Area of application | Exposure route / Environmental compartment | Effect on health | Descriptor | Value | Unit | Note |
| | Environment - freshwater | | PNEC | 154 | mg/l | |
| | Environment - marine | | PNEC | 15,4 | mg/l | |
| | Environment - sediment, freshwater | | PNEC | 570,4 | mg/kg | |
| | Environment - sediment, marine | | PNEC | 57,04 | mg/kg | |
| | Environment - soil | | PNEC | 23,5 | mg/kg | |
| | Environment - water, sporadic (intermittent) release | | PNEC | 1540 | mg/l | |
| | Environment - sewage treatment plant | | PNEC | 100 | mg/l | |
| Consumer | Human - inhalation | Long term, local effects | DNEL | 26 | mg/m3 | |
| Consumer | Human - inhalation | Short term, local effects | DNEL | 26 | mg/m3 | |
| Consumer | Human - dermal | Short term, systemic effects | DNEL | 4 | mg/kg bw/day | |
| Consumer | Human - inhalation | Short term, systemic effects | DNEL | 26 | mg/m3 | |
| Consumer | Human - oral | Short term, systemic effects | DNEL | 4 | mg/kg bw/day | |
| Consumer | Human - dermal | Long term, systemic effects | DNEL | 4 | mg/kg bw/day | |
| Consumer | Human - inhalation | Long term, systemic effects | DNEL | 26 | mg/m3 | |
| Consumer | Human - oral | Long term, systemic effects | DNEL | 4 | mg/kg bw/day | |
| Workers / employees | Human - dermal | Short term, systemic effects | DNEL | 20 | mg/kg bw/day | |
| Workers / employees | Human - inhalation | Short term, systemic effects | DNEL | 130 | mg/m3 | |

Page 8 of 23
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II (last amended by Regulation (EU) 2020/878)
 Revision date / version: 09.01.2025 / 0019
 Replacing version dated / version: 28.08.2022 / 0018
 Valid from: 09.01.2025
 PDF print date: 10.01.2025
 Liquimate 8300 Nahtabdichtung grau

| | | | | | | |
|---------------------|--------------------|-----------------------------|------|-----|-------------------|--|
| Workers / employees | Human - inhalation | Short term, local effects | DNEL | 130 | mg/m ³ | |
| Workers / employees | Human - dermal | Long term, systemic effects | DNEL | 20 | mg/kg bw/day | |
| Workers / employees | Human - inhalation | Long term, systemic effects | DNEL | 130 | mg/m ³ | |
| Workers / employees | Human - inhalation | Long term, local effects | DNEL | 130 | mg/m ³ | |

- United Kingdom | WEL-TWA = Workplace Exposure Limit - Long-term exposure limit - 8-hour TWA (= time weighted average) reference period (EH40/2005 Workplace exposure limits (Fourth Edition 2020)).
 (EU) = Directive 91/322/EEC, 98/24/EC, 2000/39/EC, 2004/37/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU or 2019/1831/EU:
 (8) = Inhalable fraction (2004/37/CE, 2017/164/EU). (9) = Respirable fraction (2004/37/CE, 2017/164/EU). (11) = Inhalable fraction (2004/37/CE). (12) = Inhalable fraction. Respirable fraction in those Member States that implement, on the date of the entry into force of this Directive, a biomonitoring system with a biological limit value not exceeding 0,002 mg Cd/g creatinine in urine (2004/37/CE). |
 | WEL-STEL = Workplace Exposure Limit - Short-term exposure limit - 15-minute reference period (EH40/2005 Workplace exposure limits (Fourth Edition 2020)).
 (EU) = Directive 91/322/EEC, 98/24/EC, 2000/39/EC, 2004/37/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU or 2019/1831/EU:
 (8) = Inhalable fraction (2004/37/EC, 2017/164/EU). (9) = Respirable fraction (2004/37/EC, 2017/164/EU). (10) = Short-term exposure limit value in relation to a reference period of 1 minute (2017/164/EU). |
 | BMGV = Biological monitoring guidance value (EH40/2005 Workplace exposure limits (Fourth Edition 2020)).
 (EU) = Directive 98/24/EC or 2004/37/EC or SCOEL (Biological Limit Value - BLV, Recommendation from the Scientific Committee on Occupational Exposure Limits (SCOEL)) |
 | Other information (EH40/2005 Workplace exposure limits (Fourth Edition 2020)): Sen = Capable of causing occupational asthma. Sk = Can be absorbed through skin. Carc = Capable of causing cancer and/or heritable genetic damage.
 (EU) = Directive 91/322/EEC, 98/24/EC, 2000/39/EC, 2004/37/EC, 2006/15/EC, 2009/161/EU, 2017/164/EU, 2019/1831/EU or 2024/869/EU:
 (13) = The substance can cause sensitisation of the skin and of the respiratory tract (98/24/EC, 2004/37/CE), (14) = The substance can cause sensitisation of the skin (2004/37/CE), (15) = Substantial contribution to the total body burden via dermal exposure possible. |

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Ensure good ventilation. This can be achieved by local suction or general air extraction.
 If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn.
 Applies only if maximum permissible exposure values are listed here.
 Not required in contained systems, as no exposure normally occurs here.
 If operational exposure (e.g. repair or maintenance work) cannot be avoided, corresponding protective measures need to be taken.
 Suitable assessment methods for reviewing the effectiveness of protection measures adopted include metrological and non-metrological investigative techniques.
 These are specified by e.g. EN 14042.
 EN 14042 "Workplace atmospheres. Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents".

8.2.2 Individual protection measures, such as personal protective equipment

General hygiene measures for the handling of chemicals are applicable.
 Wash hands before breaks and at end of work.
 Keep away from food, drink and animal feedingstuffs.
 Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

Eye/face protection:
 With danger of contact with eyes.
 Tight fitting protective goggles with side protection (EN 166).

Skin protection - Hand protection:
 With long-term contact:
 Protective nitrile gloves (EN ISO 374).
 Minimum layer thickness in mm:
 0,8
 Permeation time (penetration time) in minutes:
 15
 With short-term contact:
 Protective nitrile gloves (EN ISO 374).
 Minimum layer thickness in mm:
 0,12
 The breakthrough times determined in accordance with EN 16523-1 were not obtained under practical conditions.

Page 9 of 23
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II (last amended by Regulation (EU) 2020/878)
 Revision date / version: 09.01.2025 / 0019
 Replacing version dated / version: 28.08.2022 / 0018
 Valid from: 09.01.2025
 PDF print date: 10.01.2025
 Liquimate 8300 Nahtabdichtung grau

The recommended maximum wearing time is 50% of breakthrough time.

Skin protection - Other:
 Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments).

Respiratory protection:
 If OES or MEL is exceeded.
 With short-term contact:
 Gas mask filter A2 (EN 14387), code colour brown
 With long-term contact:
 Respiratory protection appliance (insulation device) (e.g. EN 137 or EN 138)
 Observe wearing time limitations for respiratory protection equipment.

Thermal hazards:
 Not applicable

Additional information on hand protection - No tests have been performed.
 In the case of mixtures, the selection has been made according to the knowledge available and the information about the contents.
 Selection of materials derived from glove manufacturer's indications.
 Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account.
 Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.
 In the case of mixtures, the resistance of glove materials cannot be predicted and must therefore be tested before use.
 The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

8.2.3 Environmental exposure controls

No information available at present.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|---|--|
| Physical state: | Paste, solid. |
| Colour: | Light grey |
| Odour: | Characteristic |
| Melting point/freezing point: | There is no information available on this parameter. |
| Boiling point or initial boiling point and boiling range: | There is no information available on this parameter. |
| Flammability: | There is no information available on this parameter. (Part III, sub-section 33.2.1 of the UN Manual of Tests and Criteria) |
| Lower explosion limit: | 0,4 Vol-% |
| Upper explosion limit: | 7 Vol-% |
| Flash point: | Does not apply to solids. |
| Auto-ignition temperature: | >200 °C |
| Decomposition temperature: | There is no information available on this parameter. |
| pH: | Mixture is non-soluble (in water). |
| Kinematic viscosity: | There is no information available on this parameter. |
| Solubility: | Insoluble |
| Partition coefficient n-octanol/water (log value): | Does not apply to mixtures. |
| Vapour pressure: | <10 hPa (20°C) |
| Density and/or relative density: | 1,38 g/cm ³ (20°C) |
| Relative vapour density: | Does not apply to solids. |
| Particle characteristics: | There is no information available on this parameter. |

9.2 Other information

| | |
|-------------------|---|
| Explosives: | Product is not explosive. Possible build up of explosive/highly flammable vapour/air mixture. |
| Oxidizing solids: | No |
| Solvents content: | 10,01 % (Organic solvents) |

SECTION 10: Stability and reactivity

10.1 Reactivity

The product has not been tested.

10.2 Chemical stability

Page 10 of 23
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II (last amended by Regulation (EU) 2020/878)
 Revision date / version: 09.01.2025 / 0019
 Replacing version dated / version: 28.08.2022 / 0018
 Valid from: 09.01.2025
 PDF print date: 10.01.2025
 Liquimate 8300 Nahtabdichtung grau

Stable with proper storage and handling.

10.3 Possibility of hazardous reactions

No dangerous reactions are known.

10.4 Conditions to avoid

Protect from humidity.

10.5 Incompatible materials

Avoid contact with oxidizing agents.

Avoid contact with strong acids.

10.6 Hazardous decomposition products

In case of contact with water:

Development of:

Methanol

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Possibly more information on health effects, see Section 2.1 (classification).

Liquimate 8300 Nahtabdichtung grau

| Toxicity / effect | Endpoint | Value | Unit | Organism | Test method | Notes |
|---|----------|-------|------|----------|-------------|--------|
| Acute toxicity, by oral route: | | | | | | n.d.a. |
| Acute toxicity, by dermal route: | | | | | | n.d.a. |
| Acute toxicity, by inhalation: | | | | | | n.d.a. |
| Skin corrosion/irritation: | | | | | | n.d.a. |
| Serious eye damage/irritation: | | | | | | n.d.a. |
| Respiratory or skin sensitisation: | | | | | | n.d.a. |
| Germ cell mutagenicity: | | | | | | n.d.a. |
| Carcinogenicity: | | | | | | n.d.a. |
| Reproductive toxicity: | | | | | | n.d.a. |
| Specific target organ toxicity - single exposure (STOT-SE): | | | | | | n.d.a. |
| Specific target organ toxicity - repeated exposure (STOT-RE): | | | | | | n.d.a. |
| Aspiration hazard: | | | | | | n.d.a. |
| Symptoms: | | | | | | n.d.a. |

Hydrocarbons, C11-C12, isoalkanes, <2% aromatics

| Toxicity / effect | Endpoint | Value | Unit | Organism | Test method | Notes |
|------------------------------------|----------|--------|-----------------------|------------------------|--|---|
| Acute toxicity, by oral route: | LD50 | >5000 | mg/kg | Rat | OECD 401 (Acute Oral Toxicity) | Analogous conclusion |
| Acute toxicity, by dermal route: | LD50 | > 3160 | mg/kg | Rabbit | OECD 402 (Acute Dermal Toxicity) | Analogous conclusion |
| Acute toxicity, by inhalation: | LC50 | >5000 | mg/m ³ /8h | Rat | OECD 403 (Acute Inhalation Toxicity) | Vapours, Analogous conclusion |
| Skin corrosion/irritation: | | | | Rabbit | OECD 404 (Acute Dermal Irritation/Corrosion) | Not irritant, Analogous conclusion |
| Skin corrosion/irritation: | | | | | | Repeated exposure may cause skin dryness or cracking. |
| Serious eye damage/irritation: | | | | Rabbit | OECD 405 (Acute Eye Irritation/Corrosion) | Not irritant, Analogous conclusion |
| Respiratory or skin sensitisation: | | | | Guinea pig | OECD 406 (Skin Sensitisation) | No (skin contact) |
| Germ cell mutagenicity: | | | | Salmonella typhimurium | OECD 471 (Bacterial Reverse Mutation Test) | Negative, Analogous conclusion |

| | | | | | | |
|---|-------|--------|-------|-----------|--|--------------------------------|
| Germ cell mutagenicity: | | | | Mouse | OECD 476 (In Vitro Mammalian Cell Gene Mutation Test) | Negative, Analogous conclusion |
| Germ cell mutagenicity: | | | | Rat | OECD 478 (Genetic Toxicology - Rodent dominant Lethal Test) | Negative, Analogous conclusion |
| Germ cell mutagenicity: | | | | Mammalian | OECD 479 (Genetic Toxicology - In Vitro Sister Chromatid Exchange assay in Mammalian Cells) | Negative, Analogous conclusion |
| Germ cell mutagenicity: | | | | | OECD 473 (In Vitro Mammalian Chromosome Aberration Test) | Negative, Analogous conclusion |
| Germ cell mutagenicity: | | | | | OECD 474 (Mammalian Erythrocyte Micronucleus Test) | Negative, Analogous conclusion |
| Carcinogenicity: | | | | | OECD 453 (Combined Chronic Toxicity/Carcinogenicity Studies) | Negative, Analogous conclusion |
| Carcinogenicity: | | | | | OECD 451 (Carcinogenicity Studies) | Negative, Analogous conclusion |
| Reproductive toxicity: | NOAEC | > 5,2 | mg/l | Rat | OECD 414 (Prenatal Developmental Toxicity Study) | vapour |
| Reproductive toxicity (Developmental toxicity): | NOAEL | 750 | mg/kg | Rat | OECD 415 (One-Generation Reproduction Toxicity Study) | |
| Reproductive toxicity (Effects on fertility): | NOAEL | > 1500 | mg/kg | Rat | OECD 415 (One-Generation Reproduction Toxicity Study) | |
| Specific target organ toxicity - single exposure (STOT-SE), oral: | NOAEL | > 5000 | mg/kg | Rat | OECD 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) | |
| Specific target organ toxicity - single exposure (STOT-SE), oral: | NOAEL | > 1000 | mg/kg | Rat | OECD 422 (Combined Repeated Dose Tox. Study with the Reproduction/Developm. Tox. Screening Test) | |
| Specific target organ toxicity - repeated exposure (STOT-RE): | | | | | OECD 412 (Subacute Inhalation Toxicity - 28-Day Study) | Negative, Analogous conclusion |
| Specific target organ toxicity - repeated exposure (STOT-RE): | | | | | OECD 453 (Combined Chronic Toxicity/Carcinogenicity Studies) | Negative, Analogous conclusion |
| Specific target organ toxicity - repeated exposure (STOT-RE), inhalat.: | NOAEC | > 10,4 | mg/l | Rat | OECD 413 (Subchronic Inhalation Toxicity - 90-Day Study) | Vapours |
| Aspiration hazard: | | | | | | Asp. Tox. 1 |

| | | | | | | |
|-----------|--|--|--|--|--|---|
| Symptoms: | | | | | | Dermatitis (skin inflammation), nausea, headaches, Reddening, coughing, dizziness, respiratory distress, unconsciousness , drowsiness |
|-----------|--|--|--|--|--|---|

| Titanium dioxide (in powder form containing 1 % or more of particles with aerodynamic diameter <= 10 µm) | | | | | | |
|--|----------|-----------|---------|------------------------|--|---|
| Toxicity / effect | Endpoint | Value | Unit | Organism | Test method | Notes |
| Acute toxicity, by oral route: | LD50 | >5000 | mg/kg | Rat | OECD 425 (Acute Oral Toxicity - Up-and-Down Procedure) | |
| Acute toxicity, by dermal route: | LD50 | >5000 | mg/kg | Rabbit | | |
| Acute toxicity, by inhalation: | LC50 | >5,09-6,8 | mg/l/4h | Rat | | |
| Skin corrosion/irritation: | | | | Rabbit | OECD 404 (Acute Dermal Irritation/Corrosion) | Not irritant |
| Serious eye damage/irritation: | | | | Rabbit | OECD 405 (Acute Eye Irritation/Corrosion) | Not irritant, Mechanical irritation possible. |
| Respiratory or skin sensitisation: | | | | Mouse | OECD 429 (Skin Sensitisation - Local Lymph Node Assay) | Not sensitising |
| Respiratory or skin sensitisation: | | | | Guinea pig | OECD 406 (Skin Sensitisation) | No (skin contact) |
| Germ cell mutagenicity: | | | | Mouse | OECD 474 (Mammalian Erythrocyte Micronucleus Test) | Negative |
| Germ cell mutagenicity: | | | | Mammalian | OECD 473 (In Vitro Mammalian Chromosome Aberration Test) | Negative |
| Germ cell mutagenicity: | | | | Salmonella typhimurium | (Ames-Test) | Negative |
| Germ cell mutagenicity: | | | | | OECD 476 (In Vitro Mammalian Cell Gene Mutation Test) | Negative |
| Germ cell mutagenicity: | | | | | OECD 471 (Bacterial Reverse Mutation Test) | Negative |
| Reproductive toxicity (Developmental toxicity): | | | | Rat | OECD 414 (Prenatal Developmental Toxicity Study) | No indications of such an effect. |
| Specific target organ toxicity - single exposure (STOT-SE): | | | | | | Not irritant (respiratory tract). |
| Specific target organ toxicity - repeated exposure (STOT-RE), oral: | NOAEL | 3500 | mg/kg/d | Rat | | (90d) |
| Specific target organ toxicity - repeated exposure (STOT-RE), inhalat.: | NOAEC | 10 | mg/m3 | Rat | | (90d) |
| Symptoms: | | | | | | mucous membrane irritation, coughing, respiratory distress, drying of the skin. |

| Toxicity / effect | Endpoint | Value | Unit | Organism | Test method | Notes |
|---|----------|-------|---------|------------------------|--|--|
| Acute toxicity, by oral route: | LD50 | 7120 | mg/kg | Rat | OECD 401 (Acute Oral Toxicity) | |
| Acute toxicity, by dermal route: | LD50 | 3200 | mg/kg | Rabbit | OECD 402 (Acute Dermal Toxicity) | |
| Acute toxicity, by inhalation: | LC50 | 16,8 | mg/l/4h | Rat | OECD 403 (Acute Inhalation Toxicity) | Vapours |
| Acute toxicity, by inhalation: | ATE | 16,8 | mg/l/4h | | | Vapours |
| Acute toxicity, by inhalation: | ATE | 1,5 | mg/l/4h | | | Dusts or mist |
| Skin corrosion/irritation: | | | | Rabbit | OECD 404 (Acute Dermal Irritation/Corrosion) | Not irritant |
| Serious eye damage/irritation: | | | | Rabbit | OECD 405 (Acute Eye Irritation/Corrosion) | Not irritant |
| Respiratory or skin sensitisation: | | | | Guinea pig | OECD 406 (Skin Sensitisation) | Skin Sens. 1B |
| Germ cell mutagenicity: | | | | | OECD 476 (In Vitro Mammalian Cell Gene Mutation Test) | Negative Chinese hamster |
| Germ cell mutagenicity: | | | | Mouse | OECD 474 (Mammalian Erythrocyte Micronucleus Test) | Negative |
| Germ cell mutagenicity: | | | | Rat | OECD 489 (In Vivo Mammalian Alkaline Comet Assay) | Negative |
| Germ cell mutagenicity: | | | | Salmonella typhimurium | OECD 471 (Bacterial Reverse Mutation Test) | Negative |
| Reproductive toxicity: | NOAEL | 1000 | mg/kg | Rat | OECD 422 (Combined Repeated Dose Tox. Study with the Reproduction/Developm. Tox. Screening Test) | Negative |
| Reproductive toxicity (Developmental toxicity): | NOAEL | >= 75 | mg/kg | Rabbit | OECD 414 (Prenatal Developmental Toxicity Study) | Negative |
| Specific target organ toxicity - repeated exposure (STOT-RE), oral: | NOAEL | 62,5 | mg/kg | Rat | OECD 408 (Repeated Dose 90-Day Oral Toxicity Study in Rodents) | Target organ(s): bladder |
| Specific target organ toxicity - repeated exposure (STOT-RE), inhalat.: | LOAEL | 0,58 | mg/l | Rat | OECD 413 (Subchronic Inhalation Toxicity - 90-Day Study) | Vapours |
| Symptoms: | | | | | | drowsiness, dizziness, nausea, abdominal pain, breathing difficulties, visual disturbances |

Reaction mass of: bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate and methyl-1,2,2,6,6-pentamethyl-4-piperidyl sebacate

| Toxicity / effect | Endpoint | Value | Unit | Organism | Test method | Notes |
|------------------------------------|----------|-------|------|------------|-------------------------------|--------------------|
| Skin corrosion/irritation: | | | | Rabbit | U.S. EPA 81-5 | Not irritant |
| Respiratory or skin sensitisation: | | | | Guinea pig | OECD 406 (Skin Sensitisation) | Yes (skin contact) |
| Germ cell mutagenicity: | | | | | (Ames-Test) | Negative |

Diisononyl phthalate

| Toxicity / effect | Endpoint | Value | Unit | Organism | Test method | Notes |
|----------------------------------|----------|--------|---------|----------|--------------------------------|---------|
| Acute toxicity, by oral route: | LD50 | >10000 | mg/kg | Rat | OECD 401 (Acute Oral Toxicity) | |
| Acute toxicity, by dermal route: | LD50 | >3160 | mg/kg | Rabbit | | |
| Acute toxicity, by inhalation: | LC50 | >4,4 | mg/l/4h | Rat | Limit-Test | Aerosol |

| | | | | | | |
|------------------------------------|--|--|--|------------|---|---------------------------------|
| Skin corrosion/irritation: | | | | Rabbit | OECD 404 (Acute Dermal Irritation/Corrosion) | Not irritant |
| Serious eye damage/irritation: | | | | Rabbit | OECD 405 (Acute Eye Irritation/Corrosion) | Not irritant |
| Respiratory or skin sensitisation: | | | | Guinea pig | Regulation (EC) 440/2008 B.6 (SKIN SENSITISATION) | No (skin contact) |
| Germ cell mutagenicity: | | | | | (Ames-Test) | Negative |
| Symptoms: | | | | | | diarrhoea, nausea and vomiting. |

Calcium carbonate

| Toxicity / effect | Endpoint | Value | Unit | Organism | Test method | Notes |
|------------------------------------|----------|-------|---------|----------|--|---|
| Acute toxicity, by oral route: | LD50 | >2000 | mg/kg | Rat | OECD 420 (Acute Oral toxicity - Fixe Dose Procedure) | |
| Acute toxicity, by oral route: | LD50 | >5000 | mg/kg | Rat | | |
| Acute toxicity, by dermal route: | LD50 | >2000 | mg/kg | Rat | OECD 402 (Acute Dermal Toxicity) | |
| Acute toxicity, by inhalation: | LC50 | >3 | mg/l/4h | Rat | OECD 403 (Acute Inhalation Toxicity) | |
| Skin corrosion/irritation: | | | | Rabbit | OECD 404 (Acute Dermal Irritation/Corrosion) | Not irritant |
| Serious eye damage/irritation: | | | | Rabbit | OECD 405 (Acute Eye Irritation/Corrosion) | Not irritant, Mechanical irritation possible. |
| Respiratory or skin sensitisation: | | | | | | No (skin contact) |
| Germ cell mutagenicity: | | | | | in vitro | Negative |
| Carcinogenicity: | | | | | | Negative, administered as Ca-lactate |
| Reproductive toxicity: | | | | | | Negative, administered as Ca-carbonate |

Methanol

| Toxicity / effect | Endpoint | Value | Unit | Organism | Test method | Notes |
|------------------------------------|----------|-------|---------|------------------------|---|--|
| Acute toxicity, by oral route: | ATE | 100 | mg/kg | Human being | | Experiences on persons. |
| Acute toxicity, by dermal route: | LD50 | 17100 | mg/kg | Rabbit | | Does not conform with EU classification. |
| Acute toxicity, by dermal route: | ATE | 300 | mg/kg | | | |
| Acute toxicity, by inhalation: | ATE | 3 | mg/l/4h | | | Vapours |
| Acute toxicity, by inhalation: | ATE | 0,5 | mg/l/4h | | | Dusts or mist |
| Skin corrosion/irritation: | | | | Rabbit | | Not irritant/BASF-Test |
| Serious eye damage/irritation: | | | | Rabbit | OECD 405 (Acute Eye Irritation/Corrosion) | Not irritant |
| Respiratory or skin sensitisation: | | | | Guinea pig | OECD 406 (Skin Sensitisation) | No (skin contact) |
| Germ cell mutagenicity: | | | | Salmonella typhimurium | OECD 471 (Bacterial Reverse Mutation Test) | Negative |
| Germ cell mutagenicity: | | | | Mammalian | OECD 476 (In Vitro Mammalian Cell Gene Mutation Test) | Negative |
| Germ cell mutagenicity: | | | | Mouse | OECD 474 (Mammalian Erythrocyte Micronucleus Test) | Negative |

Page 15 of 23
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II (last amended by Regulation (EU) 2020/878)
 Revision date / version: 09.01.2025 / 0019
 Replacing version dated / version: 28.08.2022 / 0018
 Valid from: 09.01.2025
 PDF print date: 10.01.2025
 Liquimate 8300 Nahtabdichtung grau

| | | | | | | |
|---|-------|------|------|-------|--|---|
| Carcinogenicity: | | | | Mouse | OECD 453 (Combined Chronic Toxicity/Carcinogenicity Studies) | Negative |
| Reproductive toxicity: | NOAEL | 1,3 | mg/l | Mouse | OECD 416 (Two-generation Reproduction Toxicity Study) | |
| Specific target organ toxicity - repeated exposure (STOT-RE): | NOAEL | 0,13 | mg/l | Rat | OECD 453 (Combined Chronic Toxicity/Carcinogenicity Studies) | |
| Symptoms: | | | | | | abdominal pain, vomiting, headaches, gastrointestinal disturbances, drowsiness, visual disturbances, watering eyes, nausea, mental confusion, intoxication, dizziness |

11.2. Information on other hazards

| Liquimate 8300 Nahtabdichtung grau | | | | | | |
|------------------------------------|----------|-------|------|----------|-------------|---|
| Toxicity / effect | Endpoint | Value | Unit | Organism | Test method | Notes |
| Endocrine disrupting properties: | | | | | | Does not apply to mixtures. |
| Other information: | | | | | | No other relevant information available on adverse effects on health. |

SECTION 12: Ecological information

Possibly more information on environmental effects, see Section 2.1 (classification).

| Liquimate 8300 Nahtabdichtung grau | | | | | | | |
|--|----------|------|-------|------|----------|-------------|---|
| Toxicity / effect | Endpoint | Time | Value | Unit | Organism | Test method | Notes |
| 12.1. Toxicity to fish: | | | | | | | n.d.a. |
| 12.1. Toxicity to daphnia: | | | | | | | n.d.a. |
| 12.1. Toxicity to algae: | | | | | | | n.d.a. |
| 12.2. Persistence and degradability: | | | | | | | n.d.a. |
| 12.3. Bioaccumulative potential: | | | | | | | n.d.a. |
| 12.4. Mobility in soil: | | | | | | | n.d.a. |
| 12.5. Results of PBT and vPvB assessment | | | | | | | n.d.a. |
| 12.6. Endocrine disrupting properties: | | | | | | | Does not apply to mixtures. |
| 12.7. Other adverse effects: | | | | | | | No information available on other adverse effects on the environment. |

| | | | | | | | |
|--|-----------|-----|--------|-------|-------------------------|--|-------------------------------------|
| 12.5. Results of PBT and vPvB assessment | | | | | | | No PBT substance, No vPvB substance |
| Toxicity to bacteria: | | | >5000 | mg/l | Escherichia coli | | |
| Toxicity to bacteria: | LC0 | 24h | >10000 | mg/l | Pseudomonas fluorescens | | |
| Toxicity to annelids: | NOEC/NOEL | | >1000 | mg/kg | Eisenia foetida | | |
| Water solubility: | | | | | | | Insoluble20°C |

| Trimethoxyvinylsilane | | | | | | | |
|--|-----------|------|-------|------|---------------------------|--|-------------------------------------|
| Toxicity / effect | Endpoint | Time | Value | Unit | Organism | Test method | Notes |
| 12.1. Toxicity to fish: | LC50 | 96h | 191 | mg/l | Oncorhynchus mykiss | OECD 203 (Fish, Acute Toxicity Test) | |
| 12.1. Toxicity to daphnia: | EC50 | 48h | 168,7 | mg/l | Daphnia magna | Regulation (EC) 440/2008 C.2 (DAPHNIA SP. ACUTE IMMOBILISATION TEST) | |
| 12.1. Toxicity to daphnia: | NOEC/NOEL | 21d | 28,1 | mg/l | Daphnia magna | OECD 211 (Daphnia magna Reproduction Test) | |
| 12.1. Toxicity to algae: | EC50 | 72h | >100 | mg/l | Selenastrum capricornutum | OECD 201 (Alga, Growth Inhibition Test) | |
| 12.1. Toxicity to algae: | NOEC/NOEL | 72h | 25 | mg/l | Selenastrum capricornutum | | |
| 12.2. Persistence and degradability: | BOD | 28d | 51 | % | | OECD 301 F (Ready Biodegradability - Manometric Respirometry Test) | Not readily biodegradable |
| 12.3. Bioaccumulative potential: | Log Kow | | 1,1 | | | | Not to be expected 20 °C, QSAR |
| 12.4. Mobility in soil: | | | | | | | Slight |
| 12.5. Results of PBT and vPvB assessment | | | | | | | No PBT substance, No vPvB substance |
| Toxicity to bacteria: | EC10 | 5h | 1000 | mg/l | Pseudomonas putida | | |
| Toxicity to bacteria: | EC50 | 3h | >2500 | mg/l | activated sludge | OECD 209 (Activated Sludge, Respiration Inhibition Test (Carbon and Ammonium Oxidation)) | |

| Reaction mass of: bis(1,2,2,6,6-pentamethyl-4-piperidyl)sebacate and methyl-1,2,2,6,6-pentamethyl-4-piperidyl sebacate | | | | | | | |
|--|-----------|------|-------|------|-------------------------|--|-------|
| Toxicity / effect | Endpoint | Time | Value | Unit | Organism | Test method | Notes |
| 12.1. Toxicity to fish: | LC50 | 96h | 7,9 | mg/l | Oncorhynchus mykiss | OECD 203 (Fish, Acute Toxicity Test) | |
| 12.1. Toxicity to fish: | LC50 | 96h | 0,97 | mg/l | Lepomis macrochirus | OECD 203 (Fish, Acute Toxicity Test) | |
| 12.1. Toxicity to daphnia: | NOEC/NOEL | 21d | 1 | mg/l | Daphnia magna | OECD 211 (Daphnia magna Reproduction Test) | |
| 12.1. Toxicity to algae: | EC50 | 72h | 1,68 | mg/l | Desmodesmus subspicatus | OECD 201 (Alga, Growth Inhibition Test) | |

| | | | | | | | |
|--|-----|-----|-----------|------|--|--|-------------------------------------|
| 12.2. Persistence and degradability: | DOC | 28d | 38 | % | | OECD 301 F (Ready Biodegradability - Manometric Respirometry Test) | |
| 12.5. Results of PBT and vPvB assessment | | | | | | | No PBT substance, No vPvB substance |
| Water solubility: | | | 21,5-29,8 | mg/l | | OECD 105 (Water Solubility) | @21°C |

| Diisononyl phthalate | | | | | | | |
|--------------------------------------|-----------|-------|------------|------------|-------------------------|---|-----------------------|
| Toxicity / effect | Endpoint | Time | Value | Unit | Organism | Test method | Notes |
| 12.1. Toxicity to fish: | LC50 | 96h | >102 | mg/l | Brachydanio rerio | 92/69/EC | |
| 12.1. Toxicity to daphnia: | EC50 | 48h | >=74 | mg/l | Daphnia magna | 84/449/EEC C.2 | |
| 12.1. Toxicity to daphnia: | NOEC/NOEL | 21d | >=100 | mg/l | Daphnia magna | OECD 202 (Daphnia sp. Acute Immobilisation Test) | |
| 12.1. Toxicity to algae: | NOEC/NOEL | 72h | 88 | mg/l | Scenedesmus subspicatus | | |
| 12.1. Toxicity to algae: | EC50 | 72h | >88 | mg/l | Scenedesmus subspicatus | 84/449/EEC C.3 | |
| 12.2. Persistence and degradability: | | 28d | 81 | % | activated sludge | Regulation (EC) 440/2008 C.4-C (DETERMINATION OF 'READY' BIODEGRADABILITY - CO2 EVOLUTION TEST) | Readily biodegradable |
| 12.2. Persistence and degradability: | | 28d | 80-90 | % | | OECD 301 B (Ready Biodegradability - Co2 Evolution Test) | Readily biodegradable |
| 12.3. Bioaccumulative potential: | Log Kow | | 8,8-9,7 | | | OECD 117 (Partition Coefficient (n-octanol/water) - HPLC method) | Analogous conclusion |
| 12.3. Bioaccumulative potential: | BCF | 14d | <3 | | | | Analogous conclusion |
| 12.4. Mobility in soil: | Koc | | >5000 | | | | |
| 12.4. Mobility in soil: | H (Henry) | | 0,00000149 | atm*m3/mol | | | |
| Toxicity to bacteria: | EC50 | 30min | >83,9 | mg/l | activated sludge | OECD 209 (Activated Sludge, Respiration Inhibition Test (Carbon and Ammonium Oxidation)) | |
| Other organisms: | NOEC/NOEL | 56d | >982,4 | mg/kg | Eisenia foetida | | |
| Other organisms: | LC50 | 14d | >7372 | mg/kg | Eisenia foetida | OECD 207 (Earthworm, Acute Toxicity Tests) | |

| Calcium carbonate | | | | | | | |
|-------------------|----------|------|-------|------|----------|-------------|-------|
| Toxicity / effect | Endpoint | Time | Value | Unit | Organism | Test method | Notes |

| | | | | | | | |
|--|------|-----|--------|------|-------------------------|--|---|
| 12.1. Toxicity to fish: | LC50 | 96h | >100 | mg/l | Oncorhynchus mykiss | OECD 203 (Fish, Acute Toxicity Test) | |
| 12.1. Toxicity to fish: | LC50 | 96h | >10000 | mg/l | Oncorhynchus mykiss | | |
| 12.1. Toxicity to daphnia: | EC50 | 48h | >1000 | mg/l | Daphnia magna | | |
| 12.1. Toxicity to daphnia: | EC50 | 48h | >100 | mg/l | Daphnia magna | OECD 202 (Daphnia sp. Acute Immobilisation Test) | |
| 12.1. Toxicity to algae: | EC50 | 72h | >200 | mg/l | Desmodesmus subspicatus | OECD 201 (Alga, Growth Inhibition Test) | |
| 12.2. Persistence and degradability: | | | | | | | Inorganic products cannot be eliminated from water through biological purification methods. |
| 12.3. Bioaccumulative potential: | | | | | | | Not relevant for inorganic substances. |
| 12.4. Mobility in soil: | | | | | | | Not relevant for inorganic substances. |
| 12.5. Results of PBT and vPvB assessment | | | | | | | Not relevant for inorganic substances. |
| 12.6. Endocrine disrupting properties: | | | | | | | Not to be expected |
| Toxicity to bacteria: | EC50 | 3h | >1000 | mg/l | activated sludge | OECD 209 (Activated Sludge, Respiration Inhibition Test (Carbon and Ammonium Oxidation)) | |
| Toxicity to annelids: | | | | | Eisenia foetida | OECD 207 (Earthworm, Acute Toxicity Tests) | Negative |

Methanol

| Toxicity / effect | Endpoint | Time | Value | Unit | Organism | Test method | Notes |
|--------------------------------------|----------|------|-------|------|---------------------------------|--|-----------------------|
| 12.1. Toxicity to fish: | LC50 | 96h | 15400 | mg/l | Lepomis macrochirus | | EPA-660/3-75-009 |
| 12.1. Toxicity to daphnia: | EC50 | 96h | 18260 | mg/l | Daphnia magna | OECD 202 (Daphnia sp. Acute Immobilisation Test) | |
| 12.1. Toxicity to algae: | EC50 | 96h | 22000 | mg/l | Pseudokirchneriella subcapitata | OECD 201 (Alga, Growth Inhibition Test) | |
| 12.2. Persistence and degradability: | | 28d | 99 | % | | OECD 301 D (Ready Biodegradability - Closed Bottle Test) | Readily biodegradable |
| 12.3. Bioaccumulative potential: | BCF | | 28400 | | Chlorella vulgaris | | Not to be expected |

Page 20 of 23
 Safety data sheet according to Regulation (EC) No 1907/2006, Annex II (last amended by Regulation (EU) 2020/878)
 Revision date / version: 09.01.2025 / 0019
 Replacing version dated / version: 28.08.2022 / 0018
 Valid from: 09.01.2025
 PDF print date: 10.01.2025
 Liquimate 8300 Nahtabdichtung grau

| 12.5. Results of PBT and vPvB assessment | | | | | | | No PBT substance, No vPvB substance |
|--|---------|----|-------|------|------------------|--|-------------------------------------|
| Toxicity to bacteria: | IC50 | 3h | >1000 | mg/l | activated sludge | OECD 209 (Activated Sludge, Respiration Inhibition Test (Carbon and Ammonium Oxidation)) | |
| Other information: | Log Pow | | -0,77 | | | | |
| Other information: | DOC | | <70 | % | | | |
| Other information: | BOD | | >60 | % | | | |

SECTION 13: Disposal considerations

13.1 Waste treatment methods

For the substance / mixture / residual amounts

EC disposal code no.:

The waste codes are recommendations based on the scheduled use of this product.

Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2014/955/EU)

08 04 09 waste adhesives and sealants containing organic solvents or other hazardous substances

08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09

08 04 11 adhesive and sealant sludges containing organic solvents or other hazardous substances

08 04 12 adhesive and sealant sludges other than those mentioned in 08 04 11

Recommendation:

Sewage disposal shall be discouraged.

Pay attention to local and national official regulations.

E.g. dispose at suitable refuse site.

E.g. suitable incineration plant.

For contaminated packing material

Pay attention to local and national official regulations.

Empty container completely.

Uncontaminated packaging can be recycled.

Dispose of packaging that cannot be cleaned in the same manner as the substance.

15 01 01 paper and cardboard packaging

15 01 02 plastic packaging

15 01 04 metallic packaging

SECTION 14: Transport information

General statements

Transport by road/by rail (ADR/RID)

14.1. UN number or ID number: Not applicable

14.2. UN proper shipping name:

Not applicable

14.3. Transport hazard class(es): Not applicable

14.4. Packing group: Not applicable

14.5. Environmental hazards: Not applicable

Tunnel restriction code: Not applicable

Classification code: Not applicable

LQ: Not applicable

Transport category: Not applicable

Transport by sea (IMDG-code)

14.1. UN number or ID number: Not applicable

14.2. UN proper shipping name:

Not applicable

14.3. Transport hazard class(es): Not applicable

14.4. Packing group: Not applicable

| | |
|------------------------------|----------------|
| 14.5. Environmental hazards: | Not applicable |
| Marine Pollutant: | Not applicable |
| EmS: | Not applicable |

Transport by air (IATA)

| | |
|-----------------------------------|----------------|
| 14.1. UN number or ID number: | Not applicable |
| 14.2. UN proper shipping name: | Not applicable |
| Not applicable | |
| 14.3. Transport hazard class(es): | Not applicable |
| 14.4. Packing group: | Not applicable |
| 14.5. Environmental hazards: | Not applicable |

14.6. Special precautions for user

Unless specified otherwise, general measures for safe transport must be followed.

14.7. Maritime transport in bulk according to IMO instruments

Non-dangerous material according to Transport Regulations.

SECTION 15: Regulatory information

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

Observe restrictions:

Comply with national regulations/laws governing maternity protection (national implementation of the Directive 92/85/EEC)!

General hygiene measures for the handling of chemicals are applicable.

Directive 2010/75/EU (VOC): 10,01 %

National requirements/regulations on safety and health protection must be applied when using work equipment.

15.2 Chemical safety assessment

A chemical safety assessment is not provided for mixtures.

SECTION 16: Other information

Revised sections: 8

Classification and processes used to derive the classification of the mixture in accordance with the ordinance (EG) 1272/2008 (CLP):

Not applicable

The following phrases represent the posted Hazard Class and Risk Category Code (GHS/CLP) of the product and the constituents.

H226 Flammable liquid and vapour.

H351 Suspected of causing cancer by inhalation.

H317 May cause an allergic skin reaction.

H304 May be fatal if swallowed and enters airways.

H332 Harmful if inhaled.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H413 May cause long lasting harmful effects to aquatic life.

EUH066 Repeated exposure may cause skin dryness or cracking.

Flam. Liq. — Flammable liquid

Asp. Tox. — Aspiration hazard

Aquatic Chronic — Hazardous to the aquatic environment - chronic

Carc. — Carcinogenicity

Acute Tox. — Acute toxicity - inhalation

Skin Sens. — Skin sensitization

Aquatic Acute — Hazardous to the aquatic environment - acute

Key literature references and sources for data:

Regulation (EC) No 1907/2006 (REACH) and Regulation (EC) No 1272/2008 (CLP) as amended.

Guidelines for the preparation of safety data sheets as amended (ECHA).

Guidelines on labelling and packaging according to the Regulation (EG) Nr. 1272/2008 (CLP) as amended (ECHA).

Safety data sheets for the constituent substances.

ECHA Homepage - Information about chemicals.

GESTIS Substance Database (Germany).

German Environment Agency "Rigoletto" information site on substances that are hazardous to water (Germany).

EU Occupation Exposure Limits Directives 91/322/EEC, 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164, (EU) 2019/1831, each as amended.

National Lists of Occupational Exposure Limits for each country as amended.

Regulations on the transport of hazardous goods by road, rail, sea and air (ADR, RID, IMDG, IATA) as amended.

Any abbreviations and acronyms used in this document:

acc., acc. to according, according to

ADR Accord européen relatif au transport international des marchandises Dangereuses par Route (= European Agreement concerning the International Carriage of Dangerous Goods by Road)

AOX Adsorbable organic halogen compounds

approx. approximately

Art., Art. no. Article number

ASTM ASTM International (American Society for Testing and Materials)

ATE Acute Toxicity Estimate

BAM Bundesanstalt für Materialforschung und -prüfung (= Federal Institute for Materials Research and Testing, Germany)

BAuA Bundesanstalt für Arbeitsschutz und Arbeitsmedizin (= Federal Institute for Occupational Health and Safety, Germany)

BCF Bioconcentration factor

BSEF The International Bromine Council

CAS Chemical Abstracts Service

CLP Classification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures)

CMR carcinogenic, mutagenic, reproductive toxic

DMEL Derived Minimum Effect Level

DNEL Derived No Effect Level

DOC Dissolved organic carbon

e.g. for example (abbreviation of Latin 'exempli gratia'), for instance

EbCx, EyCx, Eblx (x = 10, 50) Effect Concentration/Level of x % on reduction of the biomass (algae, plants)

EC European Community

ECHA European Chemicals Agency

ECx, ELx (x = 0, 3, 5, 10, 20, 50, 80, 100) Effect Concentration/Level for x % effect

EEC European Economic Community

EINECS European Inventory of Existing Commercial Chemical Substances

ELINCS European List of Notified Chemical Substances

EN European Norms

EPA United States Environmental Protection Agency (United States of America)

ErCx, EμCx, Erlx (x = 10, 50) Effect Concentration/Level of x % on inhibition of the growth rate (algae, plants)

etc. et cetera

EU European Union

EVAL Ethylene-vinyl alcohol copolymer

Fax. Fax number

gen. general

GHS Globally Harmonized System of Classification and Labelling of Chemicals

GWP Global warming potential

Koc Adsorption coefficient of organic carbon in the soil

Kow octanol-water partition coefficient

IARC International Agency for Research on Cancer

IATA International Air Transport Association

IBC (Code) International Bulk Chemical (Code)

IMDG-code International Maritime Code for Dangerous Goods

incl. including, inclusive

IUCLID International Uniform Chemical Information Database

IUPAC International Union for Pure Applied Chemistry

LC50 Lethal Concentration to 50 % of a test population

LD50 Lethal Dose to 50% of a test population (Median Lethal Dose)

Log Koc Logarithm of adsorption coefficient of organic carbon in the soil

Log Kow, Log Pow Logarithm of octanol-water partition coefficient

LQ Limited Quantities

MARPOL International Convention for the Prevention of Marine Pollution from Ships

mg/kg bw mg/kg body weight

mg/kg bw/d, mg/kg bw/day mg/kg body weight/day

mg/kg dw mg/kg dry weight

mg/kg wwt mg/kg wet weight

n.a. not applicable

n.av. not available

n.c. not checked

n.d.a. no data available

NIOSH National Institute for Occupational Safety and Health (USA)

NLP No-longer-Polymer

NOEC, NOEL No Observed Effect Concentration/Level

OECD Organisation for Economic Co-operation and Development

org. organic

OSHA Occupational Safety and Health Administration (USA)

PBT persistent, bioaccumulative and toxic

PE Polyethylene

PNEC Predicted No Effect Concentration

ppm parts per million

PVC Polyvinylchloride

REACH Registration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals)

REACH-IT List-No. 6/7/8/9xx-xxx-x No. is automatically assigned, e.g. to pre-registrations without a CAS No. or other numerical identifier. List Numbers do not have any legal significance, rather they are purely technical identifiers for processing a submission via REACH-IT.

RID Règlement concernant le transport International ferroviaire de marchandises Dangereuses (= Regulation concerning the International Carriage of Dangerous Goods by Rail)

SVHC Substances of Very High Concern

Tel. Telephone

TOC Total organic carbon

UN RTDG United Nations Recommendations on the Transport of Dangerous Goods

VOC Volatile organic compounds

vPvB very persistent and very bioaccumulative

The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge.

No responsibility.

These statements were made by:

Chemical Check GmbH, Chemical Check Platz 1-7, D-32839 Steinheim, Tel.: +49 5233 94 17 0, Fax: +49 5233 94 17 90

© by Chemical Check GmbH Gefahrstoffberatung. The copying or changing of this document is forbidden except with consent of the Chemical Check GmbH Gefahrstoffberatung.