

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

**4202 Hydraulic Sealant medium strength**

Revision: 03.03.2026

Product code: 4202

Page 1 of 10

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

#### 1.1. Product identifier

4202 Hydraulic Sealant medium strength

Product group:

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

##### Use of the substance/mixture

Adhesives and sealants

##### Uses advised against

No information available.

#### 1.3. Details of the supplier of the safety data sheet

##### Manufacturer

Company name: Kisling AG  
Street: Motorenstrasse 102  
Place: CH-8620 Wetzikon  
Telephone: +41 58 272 0 272  
E-mail: customerservice@kisling.com  
Contact person: Product Compliance Telephone: +49 7940 5096 143  
E-mail (Contact person): compliance@kisling.com  
Internet: www.kisling.com

##### Supplier

Company name: Kisling (Deutschland) GmbH  
Street: Salzstraße 15  
Place: D-74676 Niedernhall  
Telephone: +49 7940 50961 61  
E-mail: customerservice@kisling.com  
Contact person: Product Compliance Telephone: +49 7940 5096 143  
E-mail Contact person: compliance@kisling.com  
Internet: www.kisling.com

#### 1.4. Emergency telephone number:

24 hr. emergency phone number +1 872 5888271 (KAR)  
Medicines & Poisons Info Office +356 2545 6508

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Regulation (EC) No 1272/2008

Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

#### 2.2. Label elements

##### Regulation (EC) No 1272/2008

##### Hazard statements

H412 Harmful to aquatic life with long lasting effects.

##### Precautionary statements

P273 Avoid release to the environment.

##### Labelling of packages where the contents do not exceed 125 ml

##### Hazard statements

H412

#### 2.3. Other hazards

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 4202 Hydraulic Sealant medium strength

Revision: 03.03.2026

Product code: 4202

Page 2 of 10

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

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

#### Chemical characterization

Mixtures

#### Relevant ingredients

| CAS No     | Chemical name  |              |                  | Quantity     |
|------------|--|--------------|------------------|--------------|
|            | EC No  | Index No     | REACH No         |              |
|            | Classification (Regulation (EC) No 1272/2008)  |              |                  |              |
| 25852-47-5 | Polyethylene glycol dimethacrylate   |              |                  | 50 - < 100 % |
|            | Aquatic Chronic 3; H412  |              |                  |              |
| 80-15-9    | cumene hydroperoxide   |              |                  | 0.1 - < 1 %  |
|            | 201-254-7  | 617-002-00-8 | 01-2119475796-19 |              |
|            | Org. Perox. E, Acute Tox. 3, Acute Tox. 4, Acute Tox. 4, Skin Corr. 1B, STOT RE 2, Aquatic Chronic 2; H242 H331 H312 H302 H314 H373 H411 |              |                  |              |
| 114-83-0   | 2-phenylacetohydrazide   |              |                  | 0.1 - < 1 %  |
|            | 204-055-3  |              |                  |              |
|            | Acute Tox. 3; H301   |              |                  |              |

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

#### Specific Conc. Limits, M-factors and ATE

| CAS No   | EC No     | Chemical name   | Quantity    |
|----------|-----------|---|-------------|
|          |           | Specific Conc. Limits, M-factors and ATE  |             |
| 80-15-9  | 201-254-7 | cumene hydroperoxide  | 0.1 - < 1 % |
|          |           | inhalation: ATE = 3 mg/l (vapours); inhalation: ATE = 0,5 mg/l (dusts or mists); dermal: ATE = 1100 mg/kg; oral: LD50 = 382 mg/kg Skin Corr. 1B; H314: >= 10 - 100 Skin Irrit. 2; H315: >= 3 - < 10 Eye Dam. 1; H318: >= 3 - < 10 Eye Irrit. 2; H319: >= 1 - < 3 STOT SE 3; H335: >= 1 - < 10 |             |
| 114-83-0 | 204-055-3 | 2-phenylacetohydrazide  | 0.1 - < 1 % |
|          |           | oral: LD50 = 270 mg/kg  |             |

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### General information

No special measures are necessary.

#### After inhalation

Provide fresh air.

#### After contact with skin

Gently wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

#### After ingestion

Do NOT induce vomiting. Rinse mouth thoroughly with water. IF SWALLOWED: Immediately call a doctor.

### 4.2. Most important symptoms and effects, both acute and delayed

No information available.

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

Treat symptomatically.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 4202 Hydraulic Sealant medium strength

Revision: 03.03.2026

Product code: 4202

Page 3 of 10

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media

alcohol resistant foam, Carbon dioxide (CO<sub>2</sub>), Dry extinguishing powder

#### Unsuitable extinguishing media

Full water jet.

### 5.2. Special hazards arising from the substance or mixture

Hazardous combustion products, Flammable vapours can accumulate in steam space of closed systems.

### 5.3. Advice for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

#### Additional information

Co-ordinate fire-fighting measures to the fire surroundings. Use water spray jet to protect personnel and to cool endangered containers. Evacuate area.

## SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

#### General advice

Use personal protection equipment. See protective measures under point 7 and 8.

### 6.2. Environmental precautions

Do not allow to enter into surface water or drains.

### 6.3. Methods and material for containment and cleaning up

#### For containment

Prevent spread over a wide area (e.g. by containment or oil barriers). Retain contaminated washing water and dispose it. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.

#### For cleaning up

Soak up inert absorbent and dispose as waste requiring special attention.

### 6.4. Reference to other sections

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Use only in well-ventilated areas. Keep away from sources of ignition - No smoking.

#### Advice on general occupational hygiene

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme. Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat, drink, smoke, sniff.

#### Further information on handling

Keep only in the original container in a cool, well-ventilated place.

Never use pressure to empty container. Do not allow to enter into surface water or drains.

### 7.2. Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Keep container tightly closed and in a well-ventilated place.

#### Hints on joint storage

No special measures are necessary.

#### Further information on storage conditions

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 4202 Hydraulic Sealant medium strength

Revision: 03.03.2026

Product code: 4202

Page 4 of 10

No special measures are necessary.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### DNEL/DMEL values

| CAS No                 | Name of agent        | Exposure route | Effect   | Value               |
|------------------------|----------------------|----------------|----------|---------------------|
| 80-15-9                | cumene hydroperoxide |                |          |                     |
| Worker DNEL, long-term |                      | inhalation     | systemic | 6 mg/m <sup>3</sup> |

#### PNEC values

| CAS No   | Name of agent        | Value       |
|--|----------------------|-------------|
| 80-15-9  | cumene hydroperoxide |             |
| Freshwater                                       |                      | 0.003 mg/l  |
| Freshwater (intermittent releases)               |                      | 0.031 mg/l  |
| Marine water                                     |                      | 0 mg/l      |
| Freshwater sediment                              |                      | 0.023 mg/kg |
| Marine sediment                                  |                      | 0.002 mg/kg |
| Micro-organisms in sewage treatment plants (STP) |                      | 0.35 mg/l   |
| Soil   |                      | 0.003 mg/kg |

#### Additional advice on limit values

To date, no national critical limit values exist.

### 8.2. Exposure controls



#### Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations.

#### Individual protection measures, such as personal protective equipment

##### Eye/face protection

Wear eye/face protection.

##### Hand protection

Wear protective gloves.

Breakthrough times and swelling properties of the material must be taken into consideration.

NR (natural rubber, Natural latex) 0,5 mm, Breakthrough time: 480 min

EN ISO 374

##### Skin protection

Avoid contact with skin, eyes and clothes.

##### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

##### Environmental exposure controls

Do not allow to enter into surface water or drains.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

|                  |                |
|------------------|----------------|
| Physical state:  | Liquid         |
| Colour:          | brown          |
| Odour:           | characteristic |
| Odour threshold: | not determined |

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 4202 Hydraulic Sealant medium strength

Revision: 03.03.2026

Product code: 4202

Page 5 of 10

#### Test method

|   |  |
|---|--|
| Melting point/freezing point:                             | not determined   |
| Boiling point or initial boiling point and boiling range: | not determined   |
| Flammability:   | not applicable   |
| Lower explosion limits:                                   | not determined   |
| Upper explosion limits:                                   | not determined   |
| Flash point:  | > 100 °C   |
| Auto-ignition temperature:                                | not determined   |
| Decomposition temperature:                                | not determined   |
| pH-Value:   | not determined   |
| Viscosity / kinematic:                                    | not determined   |
| Water solubility:   | practically insoluble                                      |
| Solubility in other solvents                              |  |
| not determined  |  |
| Partition coefficient n-octanol/water:                    | not determined   |
| Vapour pressure:  | not determined   |
| Density (at 23 °C):                                       | 1,05 g/cm <sup>3</sup>                                     |
| Relative density:   | not determined   |
| Relative vapour density:                                  | not determined   |
| Particle characteristics:                                 | Polymer preparations and compounds<br>Particle size < 5 mm |

#### 9.2. Other information

##### Information with regard to physical hazard classes

##### Explosive properties

The product is not: Explosive.

##### Oxidizing properties

not determined

##### Other safety characteristics

Evaporation rate: not determined

Solid content: not determined

Viscosity / dynamic (at 25 °C): 700 - 2.500 mPa·s DIN 53019: K40 S1

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No known hazardous reactions.

#### 10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

#### 10.3. Possibility of hazardous reactions

Thermal decomposition can lead to the escape of irritating gases and vapours.

Vapours can form explosive mixtures with air.

#### 10.4. Conditions to avoid

No information available.

#### 10.5. Incompatible materials

No information available.

#### 10.6. Hazardous decomposition products

No known hazardous decomposition products.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 4202 Hydraulic Sealant medium strength

Revision: 03.03.2026

Product code: 4202

Page 6 of 10

#### Further information

No data available

### SECTION 11: Toxicological information

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

##### Toxicocinetics, metabolism and distribution

No data available

##### Acute toxicity

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

##### ATEmix calculated

ATE (oral) > 5000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 50 mg/l; ATE (inhalation dust/mist) > 12,5 mg/l

| CAS No   | Chemical name          |                |         |                           |        |
|----------|------------------------|----------------|---------|---------------------------|--------|
|          | Exposure route         | Dose           | Species | Source                    | Method |
| 80-15-9  | cumene hydroperoxide   |                |         |                           |        |
|          | oral                   | LD50 382 mg/kg | Rat     | IUCLID                    |        |
|          | dermal                 | ATE 1100 mg/kg |         |                           |        |
|          | inhalation vapour      | ATE 3 mg/l     |         |                           |        |
|          | inhalation dust/mist   | ATE 0,5 mg/l   |         |                           |        |
| 114-83-0 | 2-phenylacetohydrazide |                |         |                           |        |
|          | oral                   | LD50 270 mg/kg | Mouse   | Pre-supplier/manufacterer |        |

##### Irritation and corrosivity

Skin corrosion/irritation: Based on available data, the classification criteria are not met.

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

##### Sensitising effects

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

##### Carcinogenic/mutagenic/toxic effects for reproduction

Germ cell mutagenicity: Based on available data, the classification criteria are not met.

Carcinogenicity: Based on available data, the classification criteria are not met.

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

##### STOT-single exposure

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

##### STOT-repeated exposure

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

##### Aspiration hazard

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

##### Information on likely routes of exposure

No data available

##### Specific effects in experiment on an animal

No data available

##### Additional information on tests

No data available

##### Practical experience

May be harmful if swallowed, in contact with skin or if inhaled.

#### 11.2. Information on other hazards

##### Other information

No data available

##### Further information

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 4202 Hydraulic Sealant medium strength

Revision: 03.03.2026

Product code: 4202

Page 7 of 10

No data available

## SECTION 12: Ecological information

### 12.1. Toxicity

Harmful to aquatic life with long lasting effects.

### 12.2. Persistence and degradability

No data available

### 12.3. Bioaccumulative potential

No data available

### 12.4. Mobility in soil

No data available

### 12.5. Results of PBT and vPvB assessment

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

### 12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

### 12.7. Other adverse effects

No data available

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Disposal recommendations

Dispose of waste according to applicable legislation.

#### List of Wastes Code - residues/unused products

080410 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 other than those mentioned in 08 04 09

#### List of Wastes Code - used product

080410 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 other than those mentioned in 08 04 09

#### List of Wastes Code - contaminated packaging

080410 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 other than those mentioned in 08 04 09

#### Contaminated packaging

Completely emptied packages can be recycled. Dispose of waste according to applicable legislation.

## SECTION 14: Transport information

### Land transport (ADR/RID)

- 14.1. UN number or ID number: No dangerous good in sense of this transport regulation.  
14.2. UN proper shipping name: No dangerous good in sense of this transport regulation.  
14.3. Transport hazard class(es): No dangerous good in sense of this transport regulation.  
14.4. Packing group: No dangerous good in sense of this transport regulation.

### Inland waterways transport (ADN)

- 14.1. UN number or ID number: No dangerous good in sense of this transport regulation.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 4202 Hydraulic Sealant medium strength

Revision: 03.03.2026

Product code: 4202

Page 8 of 10

- 14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

#### Marine transport (IMDG)

- 14.1. UN number or ID number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

#### Air transport (ICAO-TI/IATA-DGR)

- 14.1. UN number or ID number:** No dangerous good in sense of this transport regulation.  
**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.  
**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.  
**14.4. Packing group:** No dangerous good in sense of this transport regulation.

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

#### 14.6. Special precautions for user

No information available.

#### 14.7. Maritime transport in bulk according to IMO instruments

not applicable

#### Other applicable information

No information available.

### SECTION 15: Regulatory information

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

##### EU regulatory information

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 75

Directive 2010/75/EU on industrial emissions: 0.453 % (4.752 g/l)

Information according to Directive 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

##### National regulatory information

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

Water hazard class (D): 2 - obviously hazardous to water

(EU) EINECS/ELINCS/NLP: yes

(RC) TCSI: yes

(NZ) NZIoC: yes

(USA) TSCA: yes

(CDN) DSL: yes

(ROK) KECI/ECL: yes

(RP) PICCS: unknown

(JP) MITI: yes

(CHN) IECSC: yes

(AUS) AIIC: yes

(CDN) NDSL: no

#### 15.2. Chemical safety assessment

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 4202 Hydraulic Sealant medium strength

Revision: 03.03.2026

Product code: 4202

Page 9 of 10

Chemical safety assessments for substances in this mixture were not carried out.

## SECTION 16: Other information

### Changes

This data sheet contains changes from the previous version in section(s): 9.

### Abbreviations and acronyms

Org. Perox. E: Organic peroxides, type E  
 Acute Tox. 3: Acute toxicity, hazard category 3  
 Acute Tox. 4: Acute toxicity, hazard category 4  
 Skin Corr. 1B: Skin corrosion, sub-category 1B  
 STOT RE 2: Specific target organ toxicity - repeated exposure, hazard category 2  
 Aquatic Chronic 2: Hazardous to the aquatic environment, long-term hazard category: Chronic 2  
 Aquatic Chronic 3: Hazardous to the aquatic environment, long-term hazard category: Chronic 3  
 CLP: Classification, labelling and Packaging  
 REACH: Registration, Evaluation and Authorization of Chemicals  
 GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals  
 UN: United Nations  
 CAS: Chemical Abstracts Service  
 DNEL: Derived No Effect Level  
 DMEL: Derived Minimal Effect Level  
 PNEC: Predicted No Effect Concentration  
 ATE: Acute toxicity estimate  
 LC50: Lethal concentration, 50%  
 LD50: Lethal dose, 50%  
 LL50: Lethal loading, 50%  
 EL50: Effect loading, 50%  
 EC50: Effective Concentration 50%  
 ErC50: Effective Concentration 50%, growth rate  
 NOEC: No Observed Effect Concentration  
 BCF: Bio-concentration factor  
 PBT: persistent, bioaccumulative, toxic  
 vPvB: very persistent, very bioaccumulative  
 ADR: Accord européen sur le transport des marchandises dangereuses par Route  
 (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
 RID: Regulations concerning the international carriage of dangerous goods by rail  
 ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
 (Accord européen relatif au transport international des marchandises dangereuses par voies de navigation  
 intérieures)  
 IMDG: International Maritime Code for Dangerous Goods  
 EmS: Emergency Schedules  
 MFAG: Medical First Aid Guide  
 IATA: International Air Transport Association  
 ICAO: International Civil Aviation Organization  
 MARPOL: International Convention for the Prevention of Marine Pollution from Ships  
 IBC: Intermediate Bulk Container  
 VOC: Volatile Organic Compounds  
 SVHC: Substance of Very High Concern

### Classification for mixtures and used evaluation method according to Regulation (EC) No 1272/2008 [CLP]

| Classification          | Classification procedure |
|-------------------------|--------------------------|
| Aquatic Chronic 3; H412 | Calculation method       |

### Relevant H and EUH statements (number and full text)

H242 Heating may cause a fire.  
 H301 Toxic if swallowed.  
 H302 Harmful if swallowed.  
 H312 Harmful in contact with skin.  
 H314 Causes severe skin burns and eye damage.

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### 4202 Hydraulic Sealant medium strength

Revision: 03.03.2026

Product code: 4202

Page 10 of 10

#### Relevant H and EUH statements (number and full text)

|      |  |
|------|--|
| H331 | Toxic if inhaled.  |
| H373 | May cause damage to organs through prolonged or repeated exposure. |
| H411 | Toxic to aquatic life with long lasting effects.                   |
| H412 | Harmful to aquatic life with long lasting effects.                 |

#### Further Information

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

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