



## Safety Data Sheet

according to Regulation (EC) No. 1907/2006

### FEXSIL Adhesion Primer - FEXPRIME

Revision date: 09.07.2025

Page 1 of 16

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

##### 1.1. Product identifier

FEXPRIME

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

###### Use of the substance/mixture

Coating material

###### Uses advised against

all uses not listed under "Use"

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

Company name: FEXSIL GmbH

Street: Bahnhofstr. 1

Place: D-47574 Goch

Telephone: +49 (0)2823/ 92802030

Telefax: +49 (0)2823/ 9287079

E-mail / Contact [info@fexsil.de](mailto:info@fexsil.de)

person: Mr Markus Rohde

Telephone: +49 (0)2823/ 92802030

E-mail: [info@fexsil.de](mailto:info@fexsil.de)

##### 1.4. Emergency telephone number:

Germany: Poison Control Centre, Charité - Universitätsmedizin Berlin,  
+49 30 30686700, 24 hours

##### Further information

No data available

#### SECTION 2: Hazards identification

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

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

This mixture is not classified as hazardous within the meaning of Regulation (EC) No 1272/2008.

##### 2.2. Label elements Regulation

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

###### Special labelling of certain mixtures

EUH208 Contains 1,2-benzisothiazol-3(2H)-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

EUH210 Safety data sheet available on request.

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

##### 2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, Annex XIII. This product is a treated article treated with biocidal products. (CMIT/MIT (3:1) storage stability)

This product contains no substance with endocrine-disrupting properties with respect to humans, as no ingredient meets the criteria. This product contains no substance with endocrine-disrupting properties with respect to non-target organisms, as no ingredient meets the criteria.



## Safety Data Sheet

according to Regulation (EC) No. 1907/2006

### FEXSIL Adhesion Primer - FEXPRIME

Revision date: 09.07.2025

Page 2 of 16

#### SECTION 3: Composition/information on ingredients

##### 3.2. Mixtures

###### Chemical characterisation

Silicone resin paints, water-thinnable

###### Relevant components

| CAS No     | Chemical name                                                                                                                                                          |              |                  | Quantity          |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------------|-------------------|
|            | EC No                                                                                                                                                                  | Index No     | REACH No         |                   |
|            | Classification (Regulation (EC) No 1272/2008)                                                                                                                          |              |                  |                   |
|            | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclic hydrocarbons, < 2 % aromatics                                                                                     |              |                  | 8-<10 %           |
|            | 918-481-9                                                                                                                                                              |              | 01-2119457273-39 |                   |
|            | Asp. Tox. 1; H304                                                                                                                                                      |              |                  |                   |
| 2634-33-5  | 1,2-benzisothiazol-3(2H)-one                                                                                                                                           |              |                  | 0,025-<0,036 %    |
|            | 220-120-9                                                                                                                                                              | 613-088-00-6 | 01-2120761540-60 |                   |
|            | Acute Tox. 4, Skin Irrit. 2, Eye Dam. 1, Skin Sens. 1, Aquatic Acute 1, Aquatic Chronic 2; H302 H315 H318 H317 H400 H411                                               |              |                  |                   |
| 55965-84-9 | reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)                                                                          |              |                  | 0,00015-<0,0015 % |
|            | -                                                                                                                                                                      | 613-167-00-5 | 01-2120764691-48 |                   |
|            | Acute Tox. 2, Acute Tox. 2, Acute Tox. 3, Skin Corr. 1C, Eye Dam. 1, Skin Sens. 1A, Aquatic Acute 1, Aquatic Chronic 1; H330 H310 H301 H314 H318 H317 H400 H410 EUH071 |              |                  |                   |

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

###### Specific concentration limits, M-factors and ATE

| CAS No     | EC No     | Chemical name                                                                                                                                                                                                                                                                                                                                                                   | Quantity          |
|------------|-----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
|            |           | Specific concentration limits, M-factors and ATE                                                                                                                                                                                                                                                                                                                                |                   |
|            | 918-481-9 | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclic hydrocarbons, < 2 % aromatics                                                                                                                                                                                                                                                                                              | 8-<10 %           |
|            |           | dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 5000 mg/kg                                                                                                                                                                                                                                                                                                                          |                   |
| 2634-33-5  | 220-120-9 | 1,2-benzisothiazol-3(2H)-one                                                                                                                                                                                                                                                                                                                                                    | 0,025-<0,036 %    |
|            |           | dermal: LD50 = > 2000 mg/kg; oral: LD50 = 670 mg/kg Skin Sens. 1; H317: >= 0,05 - 100 Aquatic Acute 1; H400: M=1                                                                                                                                                                                                                                                                |                   |
| 55965-84-9 | -         | reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)                                                                                                                                                                                                                                                                                   | 0,00015-<0,0015 % |
|            |           | inhalation: ATE = 0,5 mg/l (vapours); inhalation: ATE = 0,05 mg/l (dusts or mists); dermal: LD50 = 660 mg/kg; oral: LD50 = 457 mg/kg Skin Corr. 1C; H314: >= 0,6 - 100 Skin Irrit. 2; H315: >= 0,06 - < 0,6 Eye Dam. 1; H318: >= 0,6 - 100 Eye Irrit. 2; H319: >= 0,06 - < 0,6 Skin Sens. 1A; H317: >= 0,0015 - 100 Aquatic Acute 1; H400: M=100 Aquatic Chronic 1; H410: M=100 |                   |

###### Further information

No further relevant information available.



## Safety Data Sheet

according to Regulation (EC) No. 1907/2006

### FEXSIL Adhesion Primer - FEXPRIME

Revision date: 09.07.2025

Page 3 of 16

## SECTION 4: First aid measures

### 4.1. Description of first aid measures General

#### information

When in doubt or if symptoms are observed, seek medical advice. Remove the affected person from the danger area and lay them down. In case of accident or if unwell, seek medical advice immediately (show operating instructions or safety data sheet if possible).

#### After inhalation

Move the affected person to fresh air and keep warm and at rest. If breathing is difficult or stops, administer artificial respiration. If unconscious but breathing, place in the recovery position and seek medical advice.

#### After contact with skin

Remove contaminated, saturated clothing immediately.

After contact with skin, wash immediately with plenty of water and soap. If skin irritation occurs, seek medical advice.

Cleaning agent:

Avoid: solvents/thinners

#### After contact with eyes

In case of contact with eyes, rinse immediately with running water for 10 to 15 minutes while holding the eyelids open and consult an ophthalmologist.

Remove contact lenses, if present and easy to do. Continue rinsing. In case of eye irritation, consult an ophthalmologist.

#### After ingestion

If swallowed, rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Do NOT induce vomiting. Be aware of aspiration risk if vomiting occurs.

Never give anything by mouth to an unconscious person or a person having convulsions. Move the person to fresh air and keep comfortable for breathing.

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

When in doubt or if symptoms are observed, seek medical advice.

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

First aid, decontamination, symptomatic treatment.

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing

#### media

Carbon dioxide (CO<sub>2</sub>), water spray, dry extinguishing powder, alcohol-resistant foam

#### Unsuitable extinguishing media

Strong water jet

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

Hazardous combustion products: carbon dioxide, carbon monoxide, nitrogen oxides (NO<sub>x</sub>), smoke. Do not inhale explosion and combustion gases.

### 5.3. Advice for firefighters

Special protective equipment for firefighting: protective clothing. In case of fire: wear self-contained breathing apparatus.

Use water spray to protect persons and cool containers in the danger area.

#### Additional information

Collect contaminated fire-extinguishing water separately. Do not allow it to enter drains or surface water. Dispose of in accordance with official regulations.



## Safety Data Sheet

according to Regulation (EC) No. 1907/2006

### FEXSIL Adhesion Primer - FEXPRIME

Revision date: 09.07.2025

Page 4 of 16

#### SECTION 6: Accidental release measures

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

###### **General information**

Remove all ignition sources. Provide adequate ventilation. Do not breathe mist/vapour/aerosol. See protective measures under sections 7 and 8.

Wear personal protective equipment (see section 8). Avoid contact with skin, eyes and clothing.

Provide adequate ventilation. Clean up spills immediately.

**For non-emergency personnel: stop the leak if it is safe to do so. Keep unprotected persons away.**

###### **Emergency responders**

No data available

##### **6.2. Environmental precautions**

Do not allow to enter drains or surface water. Cover drains. Do not allow to enter soil/subsoil. Thoroughly clean contaminated objects and floors in accordance with environmental regulations. In case of gas release or entry into water, soil or drains, notify the responsible authorities.

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

###### **For containment**

Absorb with liquid-binding material (sand, diatomaceous earth, acid binder, universal binder).

Take up mechanically and place in suitable containers for disposal. Treat the collected material in accordance with the disposal section.

###### **For cleaning up**

Cleaning agent: clean with detergents. Avoid solvents. Retain contaminated wash water and dispose of it.

###### **Further information**

Provide adequate ventilation.

##### **6.4. Reference to other sections**

Safe handling: see section 7. Personal protective equipment: see section 8. Disposal: see section 13.

#### SECTION 7: Handling and storage

##### **7.1. Precautions for safe handling** Advice on safe

###### **handling**

Wear personal protective equipment (see section 8).

Keep out of reach of children. Avoid contact with skin, eyes and clothing. Open and handle containers with care. Do not empty containers using pressure.

Do not breathe mist/vapour/aerosol. Provide adequate ventilation. In case of inadequate ventilation, wear respiratory protection.

Avoid release to the environment. Do not allow to enter drains or surface water. Clean up spills immediately.

###### **Advice on protection against fire and explosion**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

###### **Advice on general occupational hygiene**

Minimum standards for protective measures when handling working substances are set out in TRGS 500.

Wear suitable protective clothing, protective gloves and eye/face protection at work.

Wear only properly fitting, comfortable and clean protective clothing.

Remove contaminated, saturated clothing immediately.

Wash contaminated clothing before reuse. Do not eat, drink, smoke or take



## Safety Data Sheet

according to Regulation (EC) No. 1907/2006

### FEXSIL Adhesion Primer - FEXPRIME

Revision date: 09.07.2025

Page 5 of 16

snuff at the workplace.  
Avoid contact with eyes and skin.  
Wash hands and face thoroughly before breaks and at the end of work; shower if necessary.  
Use skin-care products after work.  
Work in well-ventilated areas or with a respiratory filter. Do not breathe mist/vapour/aerosol.  
Provide sufficient washing facilities.

#### Further information on handling

Observe the technical data sheet / instructions for use on the label.

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

#### **rooms and containers**

Keep container tightly closed in a cool, well-ventilated place. Keep/store only in the original container.  
Protect from direct sunlight.  
Keep containers carefully closed and upright to prevent leakage. Keep locked up and out of reach of children.  
Floors must comply with the "Guidelines for preventing ignition hazards due to electrostatic charges (TRGS 727)".

#### **Advice on joint storage**

Keep away from food, drink and animal feed. Keep away from:  
strong acids, strong alkalis, oxidising agents.

#### **Further information on storage conditions**

Keep away from heat and frost; protect from sunlight. Storage temperature: 15 °C-30 °C.  
Storage class according to TRGS 510: (Non-combustible liquids that cannot be assigned to any of the above storage classes)

### **7.3. Specific end use(s)**

No information available



## Safety Data Sheet

according to Regulation (EC) No. 1907/2006

### FEXSIL Adhesion Primer - FEXPRIME

Revision date: 09.07.2025

Page 6 of 16

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### DNEL/DMEL values

| CAS No                   | Substance                                                                                     |                |          |                    |
|--------------------------|-----------------------------------------------------------------------------------------------|----------------|----------|--------------------|
| DNEL type                |                                                                                               | Exposure route | Effect   | Value              |
|                          | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclic hydrocarbons, < 2 % aromatics            |                |          |                    |
| Worker DNEL, long-term   |                                                                                               | dermal         | systemic | 300 mg/kg bw/day   |
| Consumer DNEL, long-term |                                                                                               | dermal         | systemic | 300 mg/kg bw/day   |
| Consumer DNEL, long-term |                                                                                               | inhalation     | systemic | 900 mg/m³          |
| 2634-33-5                | 1,2-benzisothiazol-3(2H)-one                                                                  |                |          |                    |
| Worker DNEL, long-term   |                                                                                               | inhalation     | systemic | 6,81 mg/m³         |
| Worker DNEL, long-term   |                                                                                               | dermal         | systemic | 0,966 mg/kg bw/day |
| Consumer DNEL, long-term |                                                                                               | inhalation     | systemic | 1,2 mg/m³          |
| Consumer DNEL, long-term |                                                                                               | dermal         | systemic | 0,345 mg/kg bw/day |
| 55965-84-9               | reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) |                |          |                    |
| Worker DNEL, long-term   |                                                                                               | inhalation     | local    | 0,02 mg/m³         |
| Worker DNEL, acute       |                                                                                               | inhalation     | local    | 0,04 mg/m³         |
| Consumer DNEL, long-term |                                                                                               | inhalation     | local    | 0,02 mg/m³         |
| Consumer DNEL, acute     |                                                                                               | inhalation     | local    | 0,04 mg/m³         |
| Consumer DNEL, long-term |                                                                                               | oral           | systemic | 0,09 mg/kg bw/day  |
| Consumer DNEL, acute     |                                                                                               | oral           | systemic | 0,11 mg/kg bw/day  |



## Safety Data Sheet

according to Regulation (EC) No. 1907/2006

### FEXSIL Adhesion Primer - FEXPRIME

Revision date: 09.07.2025

Page 7 of 16

#### PNEC values

| CAS No                                     | Substance                                                                                     |               |
|--------------------------------------------|-----------------------------------------------------------------------------------------------|---------------|
| Environmental compartment                  |                                                                                               | Value         |
| 2634-33-5                                  | 1,2-benzisothiazol-3(2H)-one                                                                  |               |
| Freshwater                                 |                                                                                               | 0,00403 mg/l  |
| Freshwater (intermittent release)          |                                                                                               | 0,0011 mg/l   |
| Marine water                               |                                                                                               | 0,000403 mg/l |
| Freshwater sediment                        |                                                                                               | 0,0499 mg/kg  |
| Marine sediment                            |                                                                                               | 0,00499 mg/kg |
| Micro-organisms in sewage treatment plants |                                                                                               | 1,03 mg/l     |
| Soil                                       |                                                                                               | 3 mg/kg       |
| 55965-84-9                                 | reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) |               |
| Freshwater                                 |                                                                                               | 0,00339 mg/l  |
| Freshwater (intermittent release)          |                                                                                               | 0,00339 mg/l  |
| Marine water                               |                                                                                               | 0,00339 mg/l  |
| Freshwater sediment                        |                                                                                               | 0,027 mg/kg   |
| Marine sediment                            |                                                                                               | 0,027 mg/kg   |
| Micro-organisms in sewage treatment plants |                                                                                               | 0,23 mg/l     |
| Soil                                       |                                                                                               | 0,01 mg/kg    |

#### Additional advice on limit values

National regulations must also be observed! TRGS 900

(Germany)

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclic hydrocarbons, < 2 %

aromatics: long-term occupational exposure limit: 250 mg/m<sup>3</sup>

Short-term occupational exposure limit: 500 mg/m<sup>3</sup>

If dust is generated during subsequent processing (e.g. sanding), the limit values for the respirable and inhalable fractions must be observed.

Germany

A: respirable fraction 1,25 A mg/m<sup>3</sup> 2(II) E:

inhalable fraction 10 E mg/m<sup>3</sup> 2(II) France

A: respirable fraction 5 mg/m<sup>3</sup> (8 hour(s)) E:

inhalable fraction 10 mg/m<sup>3</sup> (8 hour(s)) Netherlands

A: respirable fraction 5 mg/m<sup>3</sup> (8 hour(s)) E:

inhalable fraction 10 mg/m<sup>3</sup> (8 hour(s))

#### 8.2. Exposure controls

##### Appropriate engineering controls

Provide adequate ventilation and local exhaust extraction at critical points. If technical extraction or ventilation measures are not possible or insufficient, respiratory protection must be worn.

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

###### Eye/face protection

Wear safety glasses/face protection. DIN EN 166

IF exposed or concerned: tightly fitting safety goggles / basket goggles.

###### Hand protection

Tested protective gloves must be worn: EN ISO 374

Chemical protective gloves must be selected according to the hazardous substance concentration and



## Safety Data Sheet

according to Regulation (EC) No. 1907/2006

### FEXSIL Adhesion Primer - FEXPRIME

Revision date: 09.07.2025

Page 8 of 16

quantity specific to the workplace.

Suitable material: NBR (nitrile rubber). Glove  
material thickness: >0.4 mm. Breakthrough  
time: >480 min.

Breakthrough times and swelling properties of the material must be taken into account. Observe the wear-time limits specified by the manufacturer.

For special applications, it is recommended to check the chemical resistance of the protective gloves mentioned above with the glove manufacturer.

Check for leak tightness/impermeability before use.

#### Body protection

Protective clothing (heat-resistant synthetic fibre, antistatic).

#### Respiratory protection

If technical extraction or ventilation measures are not possible or insufficient, respiratory protection must be worn. Respiratory protection is required when exposure limits are exceeded or aerosols/mists are formed.

Observe the wearing-time limitations according to the German Hazardous Substances Ordinance (GefStoffV) in conjunction with the rules for the use of respiratory protective equipment (BGR 190). Use only respiratory protective equipment bearing the CE mark including the four-digit notified-body number.

Filter type: A-P2

#### Thermal hazards

No data available

#### Environmental exposure controls

Do not allow to enter drains or surface water. Provide retention containers, e.g. a floor tray without a drain. Keep inert absorbent material available.

## SECTION 9: Physical and chemical properties

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

|                 |                |
|-----------------|----------------|
| Physical state: | Liquid         |
| Colour:         | various        |
| Odour:          | characteristic |

Melting point/freezing point:

Propan-1,2-diol: -59 °C

Boiling point or initial boiling point  
and boiling range:

Water: 100 °C DIN 53171

Flammability:

No data available

Lower explosion limit /

Propan-1,2-diol: 2,6 Vol.-%

Upper explosion limit /

Propan-1,2-diol: 12,6 Vol.-%

Flash point:

No data available

Ignition temperature:

\*255 °C

Decomposition temperature:

No data available

pH value (at 20 °C):

8-9 (100%)

Kinematic viscosity / Water solubility:  
(at - °C)

8000 mm<sup>2</sup>/s ASTM D 445

Solubility in other solvents: no data  
available

partially soluble

Partition coefficient

n-octanol/water / Vapour

No data available

pressure:

(at 20 °C)

0,0962 hPa



## Safety Data Sheet

according to Regulation (EC) No. 1907/2006

### FEXSIL Adhesion Primer - FEXPRIME

Revision date: 09.07.2025

Page 9 of 16

|                    |                        |
|--------------------|------------------------|
| Vapour pressure /  | No data available      |
| Density (at 20 °C) | 1,15 g/cm <sup>3</sup> |
| / Bulk density:    | not applicable         |

|                          |                   |
|--------------------------|-------------------|
| Relative vapour density: | No data available |
|--------------------------|-------------------|

#### 9.2. Other information

##### Information regarding physical hazard classes

###### Explosive properties

No data available

###### Sustaining combustion:

No data available

###### Self-ignition temperature

Solid:

No data available

Oxidising properties: no data available

##### Other safety characteristics

###### Evaporation rate:

No data available

###### Solvent separation test:

No data available

###### Solvent content:

11 %, 39% water

###### Solid content:

50%

###### Flow time:

No data available

##### Further information

\*Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclic hydrocarbons, < 2 % aromatics

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No information available.

### 10.2. Chemical stability

The mixture is chemically stable under the recommended storage, use and temperature conditions. For further information on proper storage, see section 7.

### 10.3. Possibility of hazardous reactions

Exothermic reaction with: strong acids, strong alkalis, oxidising agents.

### 10.4. Conditions to avoid

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Protect from sunlight.

### 10.5. Incompatible materials

Strong acids, strong alkalis, oxidising agents

### 10.6. Hazardous decomposition products

Thermal decomposition: carbon dioxide (CO<sub>2</sub>), carbon monoxide, smoke, nitrogen oxides (NO<sub>x</sub>)

##### Further information

No information available.

## SECTION 11: Toxicological information

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

#### Toxicokinetics, metabolism and distribution

The product has not been tested.

#### Acute toxicity

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



## Safety Data Sheet

according to Regulation (EC) No. 1907/2006

### FEXSIL Adhesion Primer - FEXPRIME

Revision date: 09.07.2025

Page 10 of 16

#### Calculated ATEmix

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

| CAS No     | Substance                                                                                     |                   |         |                     |                                          |
|------------|-----------------------------------------------------------------------------------------------|-------------------|---------|---------------------|------------------------------------------|
|            | Exposure route                                                                                | Dose              | Species | Source              | Method                                   |
|            | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclic hydrocarbons, < 2 % aromatics            |                   |         |                     |                                          |
|            | oral                                                                                          | LD50 > 5000 mg/kg | Rat     | Study report (1988) | OECD Guideline 401                       |
|            | dermal                                                                                        | LD50 > 2000 mg/kg | Rat     | Study report (1989) | OECD Guideline 402                       |
| 2634-33-5  | 1,2-benzisothiazol-3(2H)-one                                                                  |                   |         |                     |                                          |
|            | oral                                                                                          | LD50 670 mg/kg    | Rat     | Study report (1988) | OECD Guideline 401                       |
|            | dermal                                                                                        | LD50 > 2000 mg/kg | Rat     | Study report (1994) | OECD Guideline 402                       |
| 55965-84-9 | reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) |                   |         |                     |                                          |
|            | oral                                                                                          | LD50 457 mg/kg    | Rat     | Study report (1993) | - Principle of test: The test material w |
|            | dermal                                                                                        | LD50 660 mg/kg    | Rabbit  | Study report (1993) | - Principle of test: The undiluted test  |
|            | inhalation vapour                                                                             | ATE 0,5 mg/l      |         |                     |                                          |
|            | inhalation dust/mist                                                                          | ATE 0,05 mg/l     |         |                     |                                          |

#### Irritant and corrosive effects

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

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

#### Sensitising effects

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

Contains 1,2-benzisothiazol-3(2H)-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction.

**Carcinogenic, mutagenic and toxic for reproduction effects.** Germ cell mutagenicity: based on the available data, the classification criteria are not met. Carcinogenicity: based on the available data, the classification criteria are not met.

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

#### Specific target organ toxicity - single exposure

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

#### Specific target organ toxicity - repeated exposure

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

#### Aspiration hazard

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

Prolonged or repeated skin contact may have a degreasing effect and cause dermatitis.

#### Practical experience

No information available.

#### 11.2. Information on other hazards

##### Endocrine-disrupting properties

No information available.

##### Other information

No information available.



## Safety Data Sheet

according to Regulation (EC) No. 1907/2006

### FEXSIL Adhesion Primer - FEXPRIME

Revision date: 09.07.2025

Page 11 of 16

#### General remarks

No data are available for the mixture. Calculation method. Classification according to Regulation (EC) No 1272/2008 [CLP].

### SECTION 12: Ecological information

#### 12.1. Toxicity

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

| CAS No     | Substance                                                                                     |                     |              |         |                                                     |                                  |
|------------|-----------------------------------------------------------------------------------------------|---------------------|--------------|---------|-----------------------------------------------------|----------------------------------|
|            | Aquatic toxicity                                                                              | Dose                | [h]   [d]    | Species | Source                                              | Method                           |
|            | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclic hydrocarbons, < 2 % aromatics            |                     |              |         |                                                     |                                  |
|            | Acute fish toxicity                                                                           | LC50<br>mg/l        | >1000        | 96 h    | Oncorhynchus mykiss                                 |                                  |
|            | Acute algal toxicity                                                                          | ErC50<br>mg/l       | > 1000       | 72 h    | Raphidocelis subcapitata                            | REACH<br>Registration<br>Dossier |
|            | Acute crustacean toxicity                                                                     | EC50<br>mg/l        | >1000        | 48 h    | Daphnia magna                                       |                                  |
| 2634-33-5  | 1,2-benzisothiazol-3(2H)-one                                                                  |                     |              |         |                                                     |                                  |
|            | Acute fish toxicity                                                                           | LC50<br>mg/l        | 2,18         | 96 h    | Oncorhynchus mykiss                                 | Study report<br>(1995)           |
|            | Acute algal toxicity                                                                          | ErC50<br>mg/l       | 0,15         | 72 h    | Raphidocelis subcapitata                            | Study report<br>(1994)           |
|            | Acute crustacean toxicity                                                                     | EC50<br>mg/l        | 2,94         | 48 h    | Daphnia magna                                       | Study report<br>(1995)           |
|            | Algal toxicity                                                                                | NOEC<br>mg/l        | 0,0403       | 72 d    |                                                     |                                  |
|            | Acute bacterial toxicity                                                                      | EC50<br>( )         | 13 mg/l ( )  | 3 h     | activated sludge of a predominantly domestic sewage | REACH<br>Registration<br>Dossier |
| 55965-84-9 | reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) |                     |              |         |                                                     |                                  |
|            | Acute fish toxicity                                                                           | LC50<br>mg/l        | 0,19         | 96 h    | Oncorhynchus mykiss                                 | REACH<br>Registration<br>Dossier |
|            | Acute algal toxicity                                                                          | ErC50<br>mg/l       | 0,0063       | 72 h    | Skeletonema costatum                                | Study report<br>(1995)           |
|            | Acute crustacean toxicity                                                                     | EC50<br>mg/l        | 0,16         | 48 h    | Daphnia magna                                       | REACH<br>Registration<br>Dossier |
|            | Fish toxicity                                                                                 | NOEC<br>0,0464 mg/l | >=           | 35 d    | Danio rerio                                         | REACH<br>Registration<br>Dossier |
|            | Algal toxicity                                                                                | NOEC<br>mg/l        | 0,0012       | 3 d     | Pseudokirchneriella subcapitata                     |                                  |
|            | Crustacean toxicity                                                                           | NOEC<br>mg/l        | 0,0111       | 21 d    | Daphnia magna                                       | Study report<br>(2013)           |
|            | Acute bacterial toxicity                                                                      | EC50<br>( )         | 4,5 mg/l ( ) | 3 h     | activated sludge of a predominantly domestic sewage | Study report<br>(1995)           |

#### 12.2. Persistence and degradability

No further relevant information available.

## FEXSIL Adhesion Primer - FEXPRIME

Revision date: 09.07.2025

Page 12 of 16

| CAS No     | Substance                                                                                     |       |    |        |
|------------|-----------------------------------------------------------------------------------------------|-------|----|--------|
|            | Method                                                                                        | Value | d  | Source |
|            | Assessment                                                                                    |       |    |        |
|            | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclic hydrocarbons, < 2 % aromatics            |       |    |        |
|            | OECD 301F                                                                                     | 80%   | 28 |        |
| 2634-33-5  | 1,2-benzisothiazol-3(2H)-one                                                                  |       |    |        |
|            | OECD 303A activated sludge S 978                                                              | >70%  |    |        |
|            | OECD 302B activated sludge S 3509                                                             | 90%   |    |        |
| 55965-84-9 | reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) |       |    |        |
|            | Biodegradation                                                                                | >60 % | 28 |        |
|            | Readily biodegradable (according to OECD criteria).                                           |       |    |        |

**12.3. Bioaccumulative potential**

No further relevant information available.

**Partition coefficient n-octanol/water**

| CAS No     | Substance                                                                                     | Log Pow |
|------------|-----------------------------------------------------------------------------------------------|---------|
|            | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclic hydrocarbons, < 2 % aromatics            | >= 3,17 |
| 2634-33-5  | 1,2-benzisothiazol-3(2H)-one                                                                  | 0,63    |
| 55965-84-9 | reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) | 0,326   |

**BCF**

| CAS No     | Substance                                                                                     | BCF      | Species             | Source               |
|------------|-----------------------------------------------------------------------------------------------|----------|---------------------|----------------------|
|            | Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclic hydrocarbons, < 2 % aromatics            | >= 44,6  | calculated          | REACH Registration D |
| 2634-33-5  | 1,2-benzisothiazol-3(2H)-one                                                                  | ca. 6,62 | Lepomis macrochirus | REACH Registration D |
| 55965-84-9 | reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1) | ca. 54   | Lepomis macrochirus | Study report (1996)  |

**12.4. Mobility in soil**

No information 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 contains no substance with endocrine-disrupting properties with respect to non-target organisms, as no ingredient meets the criteria.

**12.7. Other adverse effects**

No information available.

**Further information**

Germany: water hazard class 2

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations**

Waste code numbers/waste designations must be assigned in accordance with the European Waste Catalogue Ordinance (EAKV) on an industry- and process-specific basis. Not hazardous waste within the meaning of Directive 2008/98/EC (Waste Framework Directive). Dispose of in accordance with official regulations.



## Safety Data Sheet

according to Regulation (EC) No. 1907/2006

### FEXSIL Adhesion Primer - FEXPRIME

Revision date: 09.07.2025

Page 13 of 16

#### Waste code - unused product

080112 WASTES FROM MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU and removal of paint and varnish; waste paint and varnish other than those mentioned in 08 01 11

#### Disposal of contaminated packaging and recommended cleaning agents

Completely emptied packaging may be sent for recycling. Contaminated packaging must be treated in the same way as the substance. Dispose of in accordance with official regulations.

Cleaning agent: water

### SECTION 14: Transport information

#### Land transport (ADR/RID)

**14.1. UN number or ID number:** Not dangerous goods within the meaning of these transport regulations.

#### Inland waterway transport (ADN)

**14.1. UN number or ID number:** Not dangerous goods within the meaning of these transport regulations.

#### Sea transport (IMDG)

**14.1. UN number or ID number:** Not dangerous goods within the meaning of these transport regulations.

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

**14.1. UN number or ID number:** Not dangerous goods within the meaning of these transport regulations.

#### 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

No information available.

### SECTION 15: Regulatory information

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

##### EU regulations

Directive 2010/75/EU on industrial emissions: 130 g/L

Directive 2004/42/EC on VOC from paints and varnishes: Maximum VOC content of the ready-to-use product (g/L): 130

Subcategory according to Directive 2004/42/EC: One-component special-purpose coatings - water-based coatings, VOC limit value: 140 g/l

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

##### Additional information

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)  
Classification according to Regulation (EC) No. 1272/2008 [CLP]  
COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)  
Directive (EU) 2018/851 of the European Parliament and of the Council of 30 May 2018 amending Directive 2008/98/EC on waste. Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives



## Safety Data Sheet

according to Regulation (EC) No. 1907/2006

### FEXSIL Adhesion Primer - FEXPRIME

Revision date: 09.07.2025

Page 14 of 16

#### National regulations

Technical Instructions on Air  
Quality Control (TA Luft) I:

Proportion:

Water hazard class:

Status:

5.2.5: Organic substances, expressed as total carbon, at  $m \geq 0.50$  kg/h:  
concentration 50 mg/m<sup>3</sup>

2 - clearly hazardous to water

Classification of mixtures according to Annex 1, No. 5 AwSV

#### Additional information



## Safety Data Sheet

according to Regulation (EC) No. 1907/2006

### FEXSIL Adhesion Primer - FEXPRIME

Revision date: 09.07.2025

Page 15 of 16

This product is a treated article treated with biocidal products.

Biocides: 1,2-benzisothiazol-3(2H)-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). Main group 2: preservatives.

Product type 6: preservatives for products during storage.

German Social Accident Insurance (DGUV) - Rules: DGUV

Rule 112-190 "Use of respiratory protective equipment"

DGUV Rule 112-192 "Use of eye and face protection"; DGUV Rule 112-195 "Use of protective gloves"

#### 15.2. Chemical safety assessment

A chemical safety assessment has been carried out for the following substances in this mixture:

Hydrocarbons, C10-C13, n-alkanes, isoalkanes, cyclic hydrocarbons, < 2 % aromatics

1,2-benzisothiazol-3(2H)-one

reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)

### SECTION 16: Other information

#### Abbreviations and acronyms

Acute Tox: Acute toxicity Asp.

Tox: Aspiration hazard

Skin Corr: Skin corrosion Skin Irrit:

Skin irritation

Eye Dam: Serious eye damage Skin

Sens: Skin sensitisation Aquatic Acute:

Hazardous to the aquatic environment - acute

Aquatic Chronic: Hazardous to the aquatic environment - chronic

ADR: Accord européen sur le transport des marchandises dangereuses par Route

(European Agreement concerning the International Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer

(Regulations Concerning the International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

CAS: Chemical Abstracts Service (division of the American Chemical Society)

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

CLP: Regulation on Classification, Labelling and Packaging of Substances and Mixtures,

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

EC50: Effective concentration, 50 percent

DNEL: Derived No Effect Level

PNEC: Predicted No Effect Concentration

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

#### Full text of H and EUH statements (number and full text)

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways. H310 Fatal in



## Safety Data Sheet

according to Regulation (EC) No. 1907/2006

### FEXSIL Adhesion Primer - FEXPRIME

Revision date: 09.07.2025

Page 16 of 16

contact with skin.

|        |                                                                                                                                                                         |                         |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| H314   | Causes severe skin burns and eye damage. H315                                                                                                                           | Causes skin irritation. |
| H317   | May cause an allergic skin reaction.                                                                                                                                    |                         |
| H318   | Causes serious eye damage.                                                                                                                                              |                         |
| H330   | Fatal if inhaled.                                                                                                                                                       |                         |
| H400   | Very toxic to aquatic life.                                                                                                                                             |                         |
| H410   | Very toxic to aquatic life with long lasting effects.                                                                                                                   |                         |
| H411   | Toxic to aquatic life with long lasting effects.                                                                                                                        |                         |
| EUH071 | Corrosive to the respiratory tract.                                                                                                                                     |                         |
| EUH208 | Contains 1,2-benzisothiazol-3(2H)-one, reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1). May produce an allergic reaction. |                         |
| EUH210 | Safety data sheet available on request.                                                                                                                                 |                         |
| EUH211 | Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.                                                                        |                         |

#### Further information

The information is based on the present state of our knowledge; however, it does not constitute a guarantee of product properties and does not establish a contractual legal relationship. Existing laws and regulations must be observed by the recipient of our products on their own responsibility.

*(The data for the relevant components were taken from the latest safety data sheet of the respective upstream supplier.)*

**Translation notice: This English version was prepared from the German original with the assistance of artificial intelligence. The German version is authoritative. In the event of discrepancies, ambiguities or doubt, the German version shall prevail.**