

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 07.11.2023

Version number 6 (replaces version 5)

Revision: 07.11.2023

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

- **1.1 Product identifier**
  - **Trade name: Fermitopp N**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**

No further relevant information available.

  - **Application of the substance / the mixture** Sealant
- **1.3 Details of the supplier of the safety data sheet**
  - **Manufacturer/Supplier:**

Fermit GmbH  
Zur Heide 4,  
D- 53560 Vettelschoß  
www.fermit.de
  - **Informing department:**

Tel.: +49 (0) 2645-2207  
Fax: +49 (0) 2645-3113  
Email: info@fermit.de
- **1.4 Emergency telephone number:** Tel.: +49 (0) 2645-2207

### **SECTION 2: Hazards identification**

- **2.1 Classification of the substance or mixture**
  - **Classification according to Regulation (EC) No 1272/2008**

The product is not classified, according to the CLP regulation.
- **2.2 Label elements**
  - **Labelling according to Regulation (EC) No 1272/2008** Void
  - **Hazard pictograms** Void
  - **Signal word** Void
  - **Hazard statements** Void
  - **Additional information:**

Contains biocidal products: 2-Butyl-1,2-benzisothiazoline-3-one
- **Components according to regulation EC 648/2004 on detergents**

preservation agents (BUTYLBENZISOTHIAZOLINONE)
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- **2.3 Other hazards**
  - **Results of PBT and vPvB assessment**
    - **PBT:** Not applicable.
    - **vPvB:** Not applicable.
  - **Determination of endocrine-disrupting properties**

The product does not contain substances with endocrine disrupting properties.

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

- **3.2 Mixtures**
  - **Description:** Elastic silicone sealing compound

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**· Dangerous components:**

CAS: 64742-46-7 EINECS: 265-148-2 Index number: 649-221-00-X Reg.nr.: 01-2119489867-12-X	Distillates (petroleum), hydrotreated middle ☠ Acute Tox. 3, H331; ☠ Asp. Tox. 1, H304; ☠ STOT SE 3, H336, EUH066	2.5 - 10%
CAS: 128446-60-6 EC number: 603-274-5	3-Aminopropyl-methylsilsesquioxan ethoxy-terminated ☠ Flam. Liq. 3, H226; ☠ Skin Irrit. 2, H315; Eye Irrit. 2, H319	≥ 2.5 - < 10%
CAS: 64-17-5 EINECS: 200-578-6 Index number: 603-002-00-5 Reg.nr.: 01-2119457610-43-X	ethanol ☠ Flam. Liq. 2, H225	≤ 1%

· **Additional information** For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

· **4.1 Description of first aid measures**

- **General information** No special measures required.
- **After inhalation** Inhalation is not considered a potential way of exposure.
- **After skin contact** If skin irritation continues, consult a doctor.
- **After eye contact**  
Rinse opened eye for several minutes under running water.  
Seek medical treatment.
- **After swallowing**  
Rinse out mouth and then drink plenty of water.  
Consult doctor.

· **4.2 Most important symptoms and effects, both acute and delayed**

No further relevant information available.

· **4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

### SECTION 5: Firefighting measures

· **5.1 Extinguishing media**

· **Suitable extinguishing agents**

The product itself does not burn.

Use fire fighting measures that suit the environment.

· **For safety reasons unsuitable extinguishing agents** Not applicable.

· **5.2 Special hazards arising from the substance or mixture**

During incomplete combustion carbon monoxide can be formed.

Formation of toxic gases is possible during heating or in case of fire.

· **5.3 Advice for firefighters**

- **Protective equipment:** Do not inhale explosion gases or combustion gases.

### SECTION 6: Accidental release measures

· **6.1 Personal precautions, protective equipment and emergency procedures**

The usual precautionary measures should be adhered to general rules for handling chemicals.

· **6.2 Environmental precautions:** Do not allow to enter drainage system, surface or ground water.

· **6.3 Methods and material for containment and cleaning up:**

Collect mechanically.

Clean preferably with cleaning agent; preferably don't use solvents.

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- **6.4 Reference to other sections** No dangerous materials are released.

### SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**  
No special precautions necessary if used correctly.  
Avoid contact with eyes and skin.
- **Information about protection against explosions and fires:**  
Ensure good room ventilation.  
Keep ignition sources away - Do not smoke.
- **7.2 Conditions for safe storage, including any incompatibilities**
  - **Storage**
    - **Requirements to be met by storerooms and containers:** Keep container tightly closed.
    - **Information about storage in one common storage facility:** Not required.
    - **Further information about storage conditions:**  
Store in cool, dry conditions in a well ventilated area.
- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
  - **Components with limit values that require monitoring at the workplace:**  
WEL: workplace exposure limit  
OEL: Occupational Exposure Limit

#### 64-17-5 ethanol

WEL (Great Britain) | Long-term value: 1920 mg/m<sup>3</sup>, 1000 ppm

#### · DNELs

#### 64742-46-7 Distillates (petroleum), hydrotreated middle

Oral	DNEL (consumer, long-term, systemic)	1.25 mg/kg bw/day (human)
Dermal	DNEL (worker, long-term, systemic)	2.91 mg/kg bw/day (human)
Inhalative	DNEL (worker, short-term, systemic)	5,003 mg/m <sup>3</sup> (human)
	DNEL (worker, long-term, systemic)	16.4 mg/m <sup>3</sup> (human)

#### 64-17-5 ethanol

Dermal	DNEL (worker, long-term, systemic)	8,238 mg/kg bw/day (human)
Inhalative	DNEL (worker, long-term, systemic)	380 mg/m <sup>3</sup> (human)
	DNEL (consumer, long-term, systemic)	114 mg/m <sup>3</sup> (human)

#### · PNECs

#### 64742-46-7 Distillates (petroleum), hydrotreated middle

PNEC oral | 17,000 mg/kg food (.)

#### 64-17-5 ethanol

PNEC aqua (freshwater)	0.96 mg/L (.)
PNEC aqua (marine water)	0.79 mg/L (.)
PNEC STP - Sewage Treatment Plant	580 mg/L (.)
PNEC soil	0.63 mg/kg soil dw (.)
PNEC sediment (freshwater)	3.6 mg/kg sedim. dw (.)
PNEC sediment (marine water)	2.9 mg/kg sedim. dw (.)
PNEC aqua (intermittent releases)	2.75 mg/L (.)
PNEC oral	380 mg/kg food (.)

- **Additional information:** The lists that were valid during the compilation were used as basis.

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**· 8.2 Exposure controls****· Individual protection measures, such as personal protective equipment****· General protective and hygienic measures**

The usual precautionary measures should be adhered to general rules for handling chemicals.

Wash hands during breaks and at the end of the work.

Do not eat, drink or smoke while working.

**· Breathing equipment:** Not required.**· Hand protection**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

In case of longer or repeated contact with the skin: use protective cream for the skin surfaces coming into contact with the product.

**· Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

**· Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

**· For the permanent contact gloves made of the following materials are suitable:**

Natural rubber, NR

Nitrile rubber, NBR

**· Eye/face protection** Safety glasses recommended if possibility of liquid splashes exists.**· Body protection:**

Protective work clothing.

## SECTION 9: Physical and chemical properties

**· 9.1 Information on basic physical and chemical properties****· General Information****· Physical state**

Fluid

**· Colour:**

Different according to colour

**· Odour:**

Characteristic

**· Melting point/freezing point:**

Not determined

**· Boiling point or initial boiling point and boiling range**

Not determined

**· Flash point:**

Not applicable

**· SADT****· Solubility****· Water:**

Insoluble

**· Density and/or relative density****· Density at 20 °C**> 1 g/cm<sup>3</sup>**· 9.2 Other information****· Appearance:****· Form:**

Pasty

**· Important information on protection of health and environment, and on safety.****· Self-inflammability:**

Product is not selfigniting.

**· Explosive properties:**

Product is not explosive.

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- |                 |          |
|-----------------|----------|
| · <b>VOC EU</b> | 10.3 g/l |
| · <b>VOC EU</b> | 1.00 %   |

- |  |      |
|--|------|
| <b>· Information with regard to physical hazard classes</b>                        |      |
| · <b>Explosives</b>  | Void |
| · <b>Flammable gases</b>   | Void |
| · <b>Aerosols</b>  | Void |
| · <b>Oxidising gases</b>   | Void |
| · <b>Gases under pressure</b>  | Void |
| · <b>Flammable liquids</b>   | Void |
| · <b>Flammable solids</b>  | Void |
| · <b>Self-reactive substances and mixtures</b>                                     | Void |
| · <b>Pyrophoric liquids</b>  | Void |
| · <b>Pyrophoric solids</b>   | Void |
| · <b>Self-heating substances and mixtures</b>                                      | Void |
| · <b>Substances and mixtures, which emit flammable gases in contact with water</b> | Void |
| · <b>Oxidising liquids</b>   | Void |
| · <b>Oxidising solids</b>  | Void |
| · <b>Organic peroxides</b>   | Void |
| · <b>Corrosive to metals</b>   | Void |
| · <b>Desensitised explosives</b>   | Void |

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
  - **Thermal decomposition / conditions to be avoided:**  
No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** Ethanol

### SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

- **LD/LC50 values that are relevant for classification:**

#### 64742-46-7 Distillates (petroleum), hydrotreated middle

Oral	LD50	> 5,000 mg/kg (rat) (OECD 401)
Dermal	LD50	> 2,000 mg/kg (rabbit) (OECD 402)
Inhalative	LC50	4.6 mg/l/4h (rat) (OECD 403)

#### 64-17-5 ethanol

Oral	LD50	15,010 mg/kg (rat) (OECD 401)
Dermal	LD50	> 20,000 mg/kg (rabbit)
Inhalative	LC50	> 114 mg/l/1h (mouse) (OECD 403)
	LC50	125 mg/l/4h (rat) (OECD 403)

- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.

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- **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.
- **Additional toxicological information:**

- **Repeated dose toxicity**

**64-17-5 ethanol**

Oral	NOAEL (90d)	< 9,700 mg/kg bw/day (mouse)
Inhalative	NOAEC (28d)	> 7,380 mg/m <sup>3</sup> /ppm u (rat)

- **11.2 Information on other hazards**

- **Endocrine disrupting properties**

None of the ingredients is listed.

## SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

**64742-46-7 Distillates (petroleum), hydrotreated middle**

EC50	7.38 mg/l/48h (Daphnia magna) (QSAR)
LC50	65 mg/l/96h (Oncorhynchus mykiss) (OECD 203)

**64-17-5 ethanol**

LC50	14,200 mg/l (fish)
EC50 (static)	5,012 mg/l/48h (Ceriodaphnia dubia) (ASTM E729-80)
EC50 (static)	675 mg/l/96h (Chlorella vulgaris) (OECD 201)
EC50	275 mg/l/120h (Algae)
LC50 (dynamic)	15,300 mg/l/96h (Pimephales promelas) (US EPA E03-05)

- **12.2 Persistence and degradability** No further relevant information available.

- **Other information:**

The product is slightly biodegradable.

Biodegradability is not probable due to the consistency as well as the low degree of water solubility of the product.

- **12.3 Bioaccumulative potential** No further relevant information available.

- **12.4 Mobility in soil** No further relevant information available.

- **12.5 Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

- **12.7 Other adverse effects**

- **Additional ecological information:**

- **General notes:**

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

## SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**

- **Recommendation**

The waste code numbers mentioned are recommendations based on the probable use of the product.

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· **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

· **Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

· **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

· **National regulations**

· **Water hazard class:**

· **Substances of very high concern (SVHC) according to REACH, Article 57**

None of the ingredients is contained.

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship. This safety data sheet meets the requirements of Regulation (EU) 2015/830 and 2020/878 amending Annex II of Regulation (EC) 1907/2006.

· **Relevant phrases**

- H225 Highly flammable liquid and vapour.
- H226 Flammable liquid and vapour.
- H304 May be fatal if swallowed and enters airways.
- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H331 Toxic if inhaled.
- H336 May cause drowsiness or dizziness.
- EUH066 Repeated exposure may cause skin dryness or cracking.

· **Department issuing data specification sheet:**

▶ **DEKRA** This Safety Data Sheet has been drawn up in cooperation with:  
DEKRA Assurance Services GmbH, Hanomagstr. 12, D-30449 Hanover, Germany,  
phone: (+49) 511 42079 - 0, reach@dekra.com.

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· **Version number of previous version: 5**

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
DNEL: Derived No-Effect Level (REACH)  
PNEC: Predicted No-Effect Concentration (REACH)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent  
PBT: Persistent, Bioaccumulative and Toxic  
SVHC: Substances of Very High Concern  
vPvB: very Persistent and very Bioaccumulative  
Flam. Liq. 2: Flammable liquids – Category 2  
Flam. Liq. 3: Flammable liquids – Category 3  
Acute Tox. 3: Acute toxicity – Category 3  
Skin Irrit. 2: Skin corrosion/irritation – Category 2  
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

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STOT SE 3: Specific target organ toxicity (single exposure) – Category 3  
Asp. Tox. 1: Aspiration hazard – Category 1

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