

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

Printing date 28.04.2014

Version number 3

Revision: 28.04.2014

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

- **Product identifier**
 - **Trade name:** Neo-Fermit Universal
 - **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
 - **Application of the substance / the mixture** Sealant
- **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
 - **Emergency telephone number:** Tel.: +49 (0) 2645-2207

2 Hazards identification

- **Classification of the substance or mixture**
 - **Classification according to Regulation (EC) No 1272/2008**
The product is not classified according to the CLP regulation.
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC** Void
 - **Information concerning particular hazards for human and environment:**
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
 - **Classification system:**
The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.
- **Label elements**
 - **Labelling according to Regulation (EC) No 1272/2008** Void
 - **Hazard pictograms** Void
 - **Signal word** Void
 - **Hazard statements** Void
 - **Additional information:**
Safety data sheet available on request.
- **Other hazards**
 - **Results of PBT and vPvB assessment**
 - **PBT:** Not applicable.
 - **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
 - **Description:** Sealing paste of oil mixes and fillers. The filler used is asbestos-free.

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· Dangerous components:		
CAS: 14807-96-6 EINECS: 238-877-9	Talc (Mg ₃ H ₂ (SiO ₃) ₄) substance with a Community workplace exposure limit	25-50%
CAS: 8042-47-5 EINECS: 232-455-8 Reg.nr.: 01-2119487078-27-X	White mineral oil (petroleum) ☒ Xn R65 ☒ Asp. Tox. 1, H304	25-50%
CAS: 8002-74-2 EINECS: 232-315-6 Reg.nr.: 01-2119488076-30-X	Paraffin waxes and Hydrocarbon waxes substance with a Community workplace exposure limit	3-<10%

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

4 First aid measures

- **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** Seek medical treatment.
 - **After swallowing** Rinse out mouth and then drink plenty of water.
- **Information for doctor**
 - **Most important symptoms and effects, both acute and delayed**
No further relevant information available.
 - **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Firefighting measures

- **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.
- **Special hazards arising from the substance or mixture**
Formation of toxic gases is possible during heating or in case of fire.
- **Advice for firefighters**
 - **Protective equipment:** Do not inhale explosion gases or combustion gases.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**
The usual precautionary measures should be adhered to general rules for handling chemicals.
- **Environmental precautions:**
Do not allow to enter drainage system, surface or ground water.
- **Methods and material for containment and cleaning up:** Collect mechanically.
- **Reference to other sections** No dangerous materials are released.

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7 Handling and storage

- **Handling**
 - **Precautions for safe handling**
No special precautions necessary if used correctly.
Avoid contact with eyes and skin.
 - **Information about protection against explosions and fires:** No special measures required.
- **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:** None.
 - **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

- **Control parameters**

• Components with limit values that require monitoring at the workplace:	
14807-96-6 Talc (Mg₃H₂(SiO₃)₄)	
WEL (Great Britain)	Long-term value: 1 mg/m ³
8002-74-2 Paraffin waxes and Hydrocarbon waxes	
WEL (Great Britain)	Short-term value: 6 mg/m ³ Long-term value: 2 mg/m ³

- **Additional information:**
The lists that were valid during the compilation were used as basis.
- **Exposure controls**
 - **Personal protective equipment**
 - **General protective and hygienic measures**
The usual precautionary measures should be adhered to general rules for handling chemicals.
 - **Breathing equipment:** Not required.
 - **Protection of hands:**
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.
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.

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- **For the permanent contact gloves made of the following materials are suitable:**
Nitrile rubber, NBR
- **Eye protection:** Not required.
- **Body protection:** Protective work clothing.

9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

- **Form:** Pasty
- **Colour:** Light grey
- **Odour:** odourless

- **Change in condition**

- **Melting point/Melting range:** Not determined
- **Boiling point/Boiling range:** Not determined

- **Flash point:** Not applicable

- **Self-inflammability:** Product is not selfigniting.

- **Danger of explosion:** Product is not explosive.

- **Density** Not determined

- **Solubility in / Miscibility with**

- **Water:** Insoluble

- **Solvent content:**

- **Organic solvents:** 0.0 %
- **Water:** 0.0 %

- **Other information** No further relevant information available.

10 Stability and reactivity

- **Reactivity**

- **Chemical stability**

- **Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

- **Possibility of hazardous reactions** No dangerous reactions known

- **Conditions to avoid** No further relevant information available.

- **Incompatible materials:** No further relevant information available.

- **Hazardous decomposition products:**

None in case of intended use and storage in compliance with instructions.

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11 Toxicological information

- **Information on toxicological effects**

- **Acute toxicity:**

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

8042-47-5 White mineral oil (petroleum)

Oral	LD50	> 5000 mg/kg (rat) (OECD 401)
Dermal	LD50	> 2000 mg/kg (rabbit) (OECD 402)
Inhalative	LC50	> 5 mg/l/4h (rat) (OECD 403)

- **Primary irritant effect:**

- **on the skin:** No irritant effect.

- **on the eye:** No irritant effect.

- **Sensitization:** No sensitizing effect known.

- **Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12 Ecological information

- **Toxicity**

- **Aquatic toxicity:**

8042-47-5 White mineral oil (petroleum)

EC50 (static)	> 100 mg/l/48h (Daphnia magna) (OECD 202)
LC50 (static)	> 1000 mg/l/96h (Oncorhynchus mykiss) (OECD 203)
NOEL (static)	> 100 mg/l/72h (Pseudokirchneriella subcapitata)

- **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.

- **Behaviour in environmental systems:**

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

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

- **Additional ecological information:**

- **General notes:**

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.

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

- **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

- **Other adverse effects** No further relevant information available.

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13 Disposal considerations

- **Waste treatment methods**

- **Recommendation**

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

Smaller quantities can be disposed with household waste.

- **European waste catalogue**

08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 04 00	wastes from MFSU of adhesives and sealants (including waterproofing products)
08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09

- **Uncleaned packagings:**

- **Recommendation:**

Non contaminated packagings can be used for recycling.

Packagings that cannot be cleaned are to be disposed of in the same manner as the product.

14 Transport information

<ul style="list-style-type: none"> • UN-Number • ADR, ADN, IMDG, IATA 	Void
<ul style="list-style-type: none"> • UN proper shipping name • ADR, ADN, IMDG, IATA 	Void
<ul style="list-style-type: none"> • Transport hazard class(es) • ADR, ADN, IMDG, IATA • Class 	Void
<ul style="list-style-type: none"> • Packing group • ADR, IMDG, IATA 	Void
<ul style="list-style-type: none"> • Environmental hazards: • Marine pollutant: 	No
<ul style="list-style-type: none"> • Special precautions for user 	Not applicable.
<ul style="list-style-type: none"> • Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code 	Not applicable.
<ul style="list-style-type: none"> • Transport/Additional information: 	Not dangerous according to the above specifications.
<ul style="list-style-type: none"> • UN "Model Regulation": 	-

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15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Labelling according to Regulation (EC) No 1272/2008** Void
 - **Hazard pictograms** Void
 - **Signal word** Void
 - **Hazard statements** Void
- **National regulations**
 - **Water hazard class:**
Water hazard class 1 (Self-assessment): slightly hazardous for water.
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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.

- **Relevant phrases**
 - H304 May be fatal if swallowed and enters airways.
 - R65 Harmful: may cause lung damage if swallowed.
- **Department issuing data specification sheet:**
This Material Safety Data Sheet has been drawn up in cooperation with:
DEKRA Consulting GmbH, Hanomagstr. 12, D-30449 Hanover, Germany,
tel.: (+49) 511 42079 311, reach@dekra.com.
- **Abbreviations and acronyms:**
 - ADR: Accord européen sur le transport 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 Harmonized 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)
 - LC50: Lethal concentration, 50 percent
 - LD50: Lethal dose, 50 percent
 - Asp. Tox. 1: Aspiration hazard, Hazard Category 1
- *** Data compared to the previous version altered.**

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