



## Material Safety Data Sheet

### **Safety Data Sheet** according to 1907/2006/EC, Article 31

Printing date 06.03.2009 Revision: 10.02.2009

#### **1 Identification of Substance**

- **Product details:**
- **Trade name: Neo-Fermit Universal**
- **Application of the substance / the preparation** Sealant
- **Manufacturer/Supplier:**  
Fermit GmbH  
Zur Heide 4,  
D- 53560 Vettelschoß  
www.fermit.de
- **Informing department:**  
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#### **2 Hazards identification**

- **Hazard designation:** void
- **Information pertaining to particular dangers for man 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.

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

- **Chemical characterization**
- **Description:**  
Sealing paste of oil mixes and fillers.  
The filler used is asbestos-free.
- **Dangerous components:**  
CAS: 14807-96-6  
EINECS: 238-877-9  
Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>) <50.0%  
CAS: 14808-60-7  
EINECS: 238-878-4  
Quartz (SiO<sub>2</sub>) ca. 2.6%
- **Additional information** For the wording of the listed risk phrases refer to section 16.

#### **4 First aid measures**

- **General information** No special measures required.
- **After inhalation** Breathing-in 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.

## **5 Fire fighting measures**

- **Suitable extinguishing agents** The product itself does not burn.
- **For safety reasons unsuitable extinguishing agents**  
Not applicable.
- **Special hazards caused by the material, its products of combustion or resulting gases:**  
Formation of toxic gases is possible during heating or in case of fire.
- **Protective equipment:** Do not inhale explosion gases or combustion gases.

## **6 Accidental release measures**

- **Person-related safety precautions:**  
The usual precautionary measures should be adhered to general rules for handling chemicals.
- **Measures for environmental protection:**  
Do not allow to enter drainage system, surface or ground water.
- **Measures for cleaning/collecting:** Collect mechanically.
- **Additional information:** No dangerous materials are released.

## **7 Handling and storage**

- **Handling**
- **Information for safe handling:**  
No special precautions necessary if used correctly.  
Avoid contact with eyes and skin.  
No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **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.

## **8 Exposure controls and personal protection**

- **Components with limit values that require monitoring at the workplace:**  
**14807-96-6 Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>)**  
WEL Long-term value: 1 mg/m<sup>3</sup>
- **Additional information:** The lists that were valid during the compilation were used as basis.
- **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.
- **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***

### **· General Information**

**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 self igniting.

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

**· Density** Not determined

### **· Solubility in / Mixibility with**

**Water:** Insoluble

### **· Solvent content:**

**Organic solvents:** 0.0 %

**Water:** 0.0 %

## ***10 Stability and reactivity***

### **· Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

**· Dangerous reactions** No dangerous reactions known

### **· Dangerous products of decomposition:**

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

## ***11 Toxicological information***

### **· Acute toxicity:**

### **· Primary irritant effect:**

**· on the skin:** More frequent and continuous contact with the skin may result in irritation of the skin.

**· 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***

### **· Information about elimination (persistence and degradability):**

### **· 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 paste.

### **· 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.

## ***13 Disposal considerations***

### **· Product:**

### **· 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

· **Unclean packaging:**

· **Recommendation:**

Non contaminated packaging can be used for recycling.

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

### ***14 Transport information***

· **Land transport ADR/RID (cross-border)**

· **ADR/RID-GGVSE Class:** No hazardous good.

· **Maritime transport IMDG:**

· **IMDG Class:** No hazardous good.

· **Marine pollutant:** No

· **Air transport ICAO-TI and IATA-DGR:**

· **ICAO/IATA Class:** Not Restricted.

· **Transport/Additional information:** Not dangerous according to the above specifications.

### ***15 Regulatory information***

· **Designation according to EC guidelines:**

Observe the normal safety regulations when handling chemicals

The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials.

· **National regulations**

· **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

### ***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.

· **Department issuing data specification sheet:**

This Material Safety Data Sheet has been drawn up in cooperation with:

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