

Material Safety Data Sheet

According to 91/155 EC

Printing date 01.08.2006

Reviewed on 01.08.2006

1 Identification of substance:

- **Product details:**
- **Trade name:** Aqua Fermit
- **Application of the substance / the preparation** Sealant
- **Manufacturer/Supplier:**
Nissen & Volk GmbH
Stenzelring 12
D-21107 Hamburg
Phone: +49 (0) 40 753 50 64
- **Informing department:**
Phone: +49 (0) 40 753 50 64
Fax: +49 (0) 40 753 17 34
- **Emergency information:**
Phone: +49 (0) 40 753 50 64
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2 Composition/Data on components:

- **Chemical characterization**
- **Description:** Plastic mass of natural rock dusts and mineral oils and red pigments.
- **Dangerous components:** Void

3 Hazards identification

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

4 First aid measures

- **General information** Instantly remove any clothing soiled by the product.
- **After inhalation** Breathing-in is not considered a potential way of exposure.
- **After skin contact**
Instantly wash with water and soap and rinse thoroughly.
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.
In case of persistent symptoms consult doctor.

5 Fire fighting measures

- **Suitable extinguishing agents**
The product itself does not burn.
Use fire fighting measures that suit the environment.
- **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.

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6 Accidental release measures

- **Person-related safety precautions:**
The usual precautionary measures should be adhered to general rules for handling chemicals.
Avoid contact with the product.
- **Measures for environmental protection:**
Do not allow product to reach sewage system or water bodies.
Inform respective authorities in case product reaches water or sewage system.
- **Measures for cleaning/collecting:**
Collect mechanically.
Send for recovery or disposal in suitable containers.
- **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.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage**
- **Requirements to be met by storerooms and containers:**
Store in cool location.
Keep container tightly closed.
- **Information about storage in one common storage facility:** Do not store together with acids.
- **Further information about storage conditions:** None.

8 Exposure controls and personal protection

- **Components with limit values that require monitoring at the workplace:**

Limestone
Calciumcarbonat

OES Long-term value: $10^* 4^{**} \text{ mg/m}^3$
*total inhalable dust **respirable dust

7727-43-7 barium sulphate, natural

OES Long-term value: $10^* 4^{**} \text{ mg/m}^3$
*total inhalable dust **respirable dust

- **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:**
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.
- **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.

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- **Body protection:** Protective work clothing.

9 Physical and chemical properties:

· General Information

Form:	workable, plastic mass
Colour:	Red-brown
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:

Water: 0.0 %

10 Stability and reactivity

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

No decomposition if used according to specifications.

· **Dangerous products of decomposition:**

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

· **Additional information:**

In case of influence by acids decomposition possible with CO₂ being formed at the same time.

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.

12 Ecological information:

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

· **Other information:**

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

· **General notes:**

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

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

13 Disposal considerations

- **Product:**
- **Recommendation**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
The waste code numbers mentioned are recommendations based on the probable use of the product.

- **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

- **Land transport ADR/RID (cross-border)**
- **ADR/RID-GGVS/E 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:
DEKRA Umwelt GmbH, Vahrenwalder Str. 207 A, D-30165 Hannover,
Tel.: +49-(0)511-963550.
- *** Data compared to the previous version altered.**