

## Safety Data Sheet according

1907/2006/EC

**Manufacturer** : Knauf AMF GmbH & Co. KG

**Product** : AMF - THERMATEX-Acoustic Range-Mineral Boards

**Revised** : 01.07.2016

**Print Date:** 08.11.2016

### 1 Identification

**Product identifier:**

**Product:**

AMF-THERMATEX - Acoustic

AMF-THERMATEX - dB Acoustic

AMF-THERMATEX - SF Acoustic

AMF-THERMATEX - Acoustic RL

AMF-THERMATEX - Alpha white / colour

AMF-THERMATEX - Alpha ONE

AMF-THERMATEX - Alpha HD

AMF-THERMATEX - Thermofon

AMF-THERMATEX - Silence

AMF-THERMATEX - Aquatec

AMF-THERMATEX - Varioline

AMF-THERMATEX - Antaris

**Relevant identified uses of the substance or mixture and uses advised against:**

**Relevant identified uses of the substance or mixture:**

Membranes for suspended ceiling-systems.

**Relevant identified uses advised against:**

Applications with direct water contact have to be avoided.

**Details of the supplier of the safety data sheet.**

**Manufacturer:** Knauf AMF GmbH & Co. KG  
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94481 Grafenau - GERMANY

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(only during office hours)

### 2 Hazards

**Classification of the substance or mixture:**

The article is not classified according to regulation (EC) no. 1272/2008 (CLP).

**Label elements:**

None. - Nothing to declare. - according to regulation (EC) no. 1272/2008

**Other hazards:**

Dust: In individual cases, allergic reactions to specific ingredients possible. Mechanical irritation (itching). Exposure to airborne dusts and fibers (inhalation). For the use of mineral boards we recommend to take notice of the hygienic instructions in Section 7 and 8.

### 3 Composition / Information on Ingredients

**Description:**

Mineral wool with the addition of inorganic fillers (e.g. clay, perlite) and organic binders (e.g. starch), coated with dispersion paint and glass fiber with added i.e. coupling agent, film former and Polymeric resin/emulsion.

Free from asbestos and formaldehyde additives.

**Hazard ingredients:** None.

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### 4 First Aid measures

#### Description of first aid measures:

**General information:** No special measures required.

**In case of eye contact:** Remove particle carefully. Thoroughly rinse open eyes under running water for 15 min. Do not rub or scratch eyes. Seek medical help if necessary.

**In case of ingestion:** Drink plenty of water and seek medical advice.

**In case of inhalation:** Remove person to fresh air.

**In case of skin contact:** No special measures required.  
In case of irritation (e.g. glass fiber):

- Wash off immediately with soap and cold water.
- DO NOT use warm water because this will open up the pores of the skin
- DO NOT rub or scratch affected areas.
- Remove contaminated cloth.

**Information:** If any symptoms persist, seek medical attention immediately.

#### Most important symptoms and effects, both acute and delayed:

No information available.

#### Indication of any immediate medical attention and special treatment needed:

No information available.

### 5 Fire-Fighting Measures

AMF-THERMATEX-Acoustic Range-Mineral Boards are limited- or non combustible to EN 13501-1

The binder of the glass fleece is combustible and could release small quantities of hazardous gas in case of major and prolonged heat or fire.

Packaging materials are flammable.

#### Suitable extinguishing media:

All extinguishing agents are suitable.  
Adapt the fire-fighting measures to the situation.

#### Unsuitable extinguishing media:

None.

#### Special hazards arising from the substance or mixture:

None.

#### Advice for firefighters:

Depending on the ambient air respirators have to be worn.

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### 6 Accidental Release Measures

#### Personal precautions, protective equipment and emergency procedures:

Usually not necessary.

If the dust concentration is high, wear personal protective equipment see section 8.

Avoid contact with the skin and the eyes (glass fiber).

#### Environmental precautions:

No special measures required.

#### Methods and material for containment and cleaning up:

Pick up large pieces. Place material in container.

Spray with water before sweeping.

Use a industrial vacuum cleaner with a high efficiency filter to clean up dust and residual spilled material

After vacuum cleaning, flush away with water

#### Additional information.

No release of hazardous substances.

No compressed air to clean surfaces or clothes.

#### Reference to other sections:

Safe handling:	Section 7
Disposal:	Section 13
Personal protection:	Section 8
Emergency telephone number:	Section 1

### 7 Handling and Storage

#### Precautions for safe handling:

- Control dust formation and ventilate working areas whilst cutting. Keep windows open.
- Keep work areas clean.
- Avoid unnecessary exposure to dust and handle with care.
- Do not sweep, use a vacuum cleaner.

#### Conditions for safe storage, including any incompatibilities:

- Stack safely max. 3 pallets on top of each other (except fragile goods, special products and other storage conditions depending on the country)
- Store boxes in a dry environment.
- Protect from dampness and humidity.
- Storage conditions should ensure stability of stacked products. First in – first out method (FIFO) is recommended.

#### Specific end use(s):

Article (membrane for suspended ceiling, acoustic- and fire protective applications.)

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### 8 Exposure controls / personal protection

#### Control parameters:

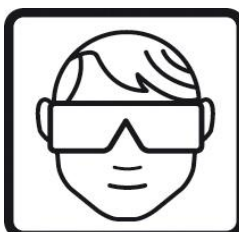
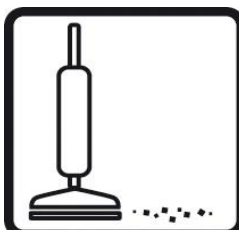
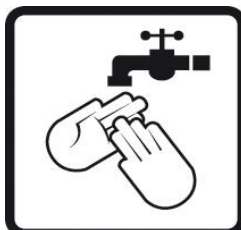
#### Workplace exposure limits

General dust limit:

4 mg/m<sup>3</sup>, respirable fraction

10 mg/m<sup>3</sup>, inhalable fraction

#### Occupational exposure controls:



- The mechanical effect of fibres in contact with skin may cause temporary itching.
- Cover exposed skin.
- When working in unventilated area wear disposable face mask.
- Rinse in cold water before washing.
- Clean area using vacuum equipment.
- Ventilate working area if possible.
- Waste should be disposed of according to local regulations.
- Wear goggles when working overhead.

### 9 Physical and Chemical Properties

#### Information on basic physical and chemical properties:

**Physical state:**

Solid

**Colour:**

grey-brown

Surface coating white or coloured

**Odour:**

not applicable

#### Important health, safety and environmental information:

<b>Boiling point/range</b>	:	not applicable
<b>Melting point/range</b>	:	> 1000°C
<b>Change of state</b>	:	not applicable
<b>Flash point</b>	:	not applicable
<b>Flammability</b>	:	not applicable
<b>Ignition temperature</b>	:	not applicable
<b>Auto-ignition</b>	:	not applicable
<b>Oxidizing properties</b>	:	not applicable
<b>Explosion hazard</b>	:	not applicable

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<b>Explosion limits</b>	:	not applicable	
<b>lower</b>	:	(UEG) not applicable	
<b>upper</b>	:	(UEG) not applicable	
<b>Vapour pressure</b>	:	not applicable	
<b>Density</b>	:	(25°C) 140-450 kg/m <sup>3</sup>	
<b>Solubility</b>	:	not applicable	
<b>Water solubility</b>	:	not applicable	
<b>Fat solubility</b>	:	not applicable	
<b>Partition coefficient</b>	:	not applicable	
<b>pH (1000 g/l H<sub>2</sub>O)</b>	:	(25°C) 6,8-8,5	DIN 54 275
<b>Solvent content</b>	:	not applicable	
<b>Solvent separation test</b>	:	not applicable	
<b>Viscosity</b>	:	not applicable	
<b>Other information:</b>	:	---	

### 10 Stability and Reactivity

#### Reactivity / Chemical stability:

Due to the inert mineral structure and the low organic content of the board, the product is non-reactive and chemically stable under normal environmental conditions. No hazardous reactions known.

#### Possibility of hazardous reactions:

No dangerous reactions known.

#### Conditions to avoid:

None.

#### Incompatible materials:

None.

#### Hazardous decomposition products:

None, except see Section 5 of MSDS for hazardous decomposition products during a fire

### 11 Toxicological information:

#### Information on toxicological effects:

##### Acute toxicity:

None.

##### Irritant and corrosive effects:

Fibres from the product may cause temporary mechanical irritation of the skin, eyes and upper respiratory tract.

Adequate working clothes protect (see section 7 and 8).

Not irritant according to OECD guideline No. 404.

##### Sensitisation:

None.

##### Repeated dose toxicity:

None.

##### Carcinogenicity, mutagenicity and toxicity for

None.

##### Mutagenicity:

None.

##### Reproductive toxicity:

None.

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**Other Information:**

Due to the high bio-solubility of the fibres the material is non-carcinogenic, as per EU Regulation EC/1272/2008 (Nota Q) and regulation EC/790/2009 amending, the purposes of its adaptation to technical and scientific progress of Regulation (EC) No 1272/2008.  
The mineral wool used is observed and controlled by the RAL association.

Continuous filament glass fibres are not respirable according to the World Health Organization (WHO) definition. Continuous filament glass fibers do not require a classification as under the European regulation EC/1272/2008. Continuous filament glass fibers are not carcinogenic.

**12 Ecological information**

**Toxicity:**

None.  
On the basis of the inert mineral structure of the plate and the low organic binder content.

**Persistence and degradability:**

During fire solvent particles can be carried out by the water. Those are biodegradable, BOD and COD are raised.

<b>Bioaccumulative potential:</b>	Non applicable.
<b>Bioaccumulative potential:</b>	Non applicable.
<b>Bioaccumulative potential:</b>	Non applicable.
<b>Other adverse effects:</b>	None.

**13 Disposal considerations**

**Waste treatment methods:**

<b>Waste code:</b>	170604 (according to EWC/AVV)
<b>Waste description:</b>	Insulation materials others than those mentioned in 170601 and 170603.

The mentioned European waste code is a recommendation based on the use of the product.  
Due to different local waste considerations dispose in consultation with local authorities.

**Additional information:** ---

**14 Transport Information**

<b>UN number:</b>	None.
<b>UN proper shipping name:</b>	None.
<b>Transport hazard class(es): ADR, ADN, IMDG, ICAO/IATA, RID, ROT:</b>	No hazardous material as defined by the transport regulations.
<b>Packing group:</b>	Non applicable.

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**Environmental hazards:** None.

**Special precautions for user:** None.

**Transport in bulk according to Annex II of Marpol and the IBC Code:**

Not relevant.

### 15 Regulatory information:

**Safety, health and environmental regulations/legislation specific for the substance or mixture:**

**Labelling:**

No labelling required to EU regulations and national laws.

**Hazard statements:**

**H-phrases:** None.

**National regulations (Germany):**

Water hazard class: Non-hazardous to water (self-assessment)

**Chemical safety assessment:**

For this article no Chemical Safety Report is necessary.

### 16 Further Information

**Other information:**

All information provided is taken from our current technical data at time of printing and assumes that the product is applied for the intended use. The data provided does not form any legally binding contract. The products are only described in the terms of safety requirements. The data does not provide any information on properties or warranted performance. Trade mark rights as well as all legal requirements have to be noticed by the consumer/user.

**This data sheet is a voluntary product information based on the format of safety data sheets.**

**Note that there is no legal obligation to provide a MSDS for this product.**

**Contact:**

For further information:

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