



# Safety Data Sheet

according to Regulation (EC) No 1907/2006

**Fibertray 1919 0000**

Revision date: 17.04.2018

Product code: 19190000

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

### 1.1. Product identifier

Fibertray 1919 0000

### 1.2. Relevant identified uses of the substance or mixture and uses advised against

#### Use of the substance/mixture

Mesh firing tray

The product is intended for professional use.

#### Uses advised against

Do not use for sputtering or spraying.

Reserved for industrial and professional use.

### 1.3. Details of the supplier of the safety data sheet

Company name:	Renfert GmbH	
Street:	Untere Giesswiesen 2	
Place:	D-78247 Hilzingen	
Telephone:	+49 7731 8208-0	Telefax: +49 7731 8208-70
e-mail:	info@renfert.com	
Contact person:	Frau Andris	Telephone: +49 7731 8208-927
e-mail:	silke.andris@renfert.com	
Internet:	www.renfert.com	

### 1.4. Emergency telephone number:

GB: 0044 151 951 3317 (Health and Safety Executive (HSE) Chemicals) | USA: 800-222-1222 (National Poison Control number) | CA: British Columbia: 800-567-8911 or 604-682-5050 Alberta: 1-800-332-1414 or 944-1414 Saskatchewan: 1-866-454-1212 Manitoba: 1-855-776-4766 Ontario: 1-800-268-9017 Quebec: 1-800-463-5060 New Brunswick: 911 Newfoundland: 1-866-727-1110 Northwest Territories: 1-800-332-1414 Nova Scotia: 1-800-565-8161 | AU: 13 11 26 | ZA: 021 938 6084 (Office Hours) or 021 931 6129 (24 Hours)

## SECTION 2: Hazards identification

### 2.1. Classification of the substance or mixture

#### Regulation (EC) No. 1272/2008

Hazard categories:

Carcinogenicity: Carc. 1B

Hazard Statements:

May cause cancer by inhalation.

### 2.2. Label elements

#### Regulation (EC) No. 1272/2008

##### Hazard components for labelling

Refractory Ceramic Fibres, Special Purpose Fibres, with the exception of those specified elsewhere in this Annex

Signal word: Danger

Pictograms:



##### Hazard statements

H350i May cause cancer by inhalation.

##### Precautionary statements

P201 Obtain special instructions before use.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P308+P313 IF exposed or concerned: Get medical advice/attention.

##### Special labelling of certain mixtures

Restricted to professional users.

### 2.3. Other hazards

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

All synthetic mineral fibres, and some natural fibres, can lead to slight irritation resulting in itching, or in rare cases with sensitive skin to a slight redness of the skin. Unlike other irritant reactions, this is no allergic or chemical skin damage.

This is merely a temporary mechanical effect.

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures



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**Chemical characterization**

Refractory ceramic fibres

**Hazardous components**

CAS No	Chemical name	Quantity		
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
142844-00-6	Refractory Ceramic Fibres, Special Purpose Fibres, with the exception of those specified elsewhere in this Annex	15 - 90 %		
	-	650-017-00-8	01-2119458050-50	
	Carc. 1B; H350i			
	Binding agent	1 - 10 %		

Full text of H and EUH statements: see section 16.

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

Avoid dust formation.

**After inhalation**

Provide fresh air.

**After contact with skin**

All synthetic mineral fibres, and some natural fibres, can lead to slight irritation resulting in itching, or in rare cases with sensitive skin to a slight redness of the skin.

Following skin contact: Rinse skin with water [or shower].

In case of skin irritation, consult a physician.

**After contact with eyes**

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

**After ingestion**

Rinse mouth immediately and drink plenty of water.

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

All synthetic mineral fibres, and some natural fibres, can lead to slight irritation resulting in itching, or in rare cases with sensitive skin to a slight redness of the skin. Unlike other irritant reactions, this is no allergic or chemical skin damage.

This is merely a temporary mechanical effect.

May cause cancer by inhalation.

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

Treat symptomatically.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

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

Thermal decomposition can lead to the escape of irritating gases and vapours.

**5.3. Advice for firefighters**

No special fire protection measures are necessary.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

Avoid dust formation. Provide adequate ventilation.

Respiratory protection necessary at: dust formation

**6.2. Environmental precautions**

Do not allow uncontrolled discharge of product into the environment.

**6.3. Methods and material for containment and cleaning up**

Take up mechanically. Avoid dust formation.

Do not use a brush or compressed air for cleaning surfaces or clothing.

**6.4. Reference to other sections**

Safe handling: see section 7



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Personal protection equipment: see section 8

Disposal: see section 13

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

#### Advice on safe handling

Avoid dust formation.

Dust must be exhausted directly at the point of origin. Use approved industrial vacuum cleaner for removal. High efficiency particulate air filter (HEPA filter)

Avoid contact with eyes and skin.

#### Advice on protection against fire and explosion

No special fire protection measures are necessary.

#### Further information on handling

All work processes must always be designed so that the following is as low as possible: Inhalation

See: TRGS 558 Tätigkeiten mit Hochtemperaturwolle

### 7.2. Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Keep container tightly closed and dry.

### 7.3. Specific end use(s)

The product is intended for professional use.

See: TRGS 558 Tätigkeiten mit Hochtemperaturwolle

Please refer to our internet website for more information: [www.renfert.com](http://www.renfert.com)

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

#### Additional advice on limit values

Industrial hygiene standards and occupational exposure limits vary between countries and local jurisdictions. Check which exposure levels apply to your facility and comply with local regulations.

See:

<http://osha.europa.eu/en/publications/reports/548OELs/view>

### 8.2. Exposure controls

#### Appropriate engineering controls

All work processes must always be designed so that the following is as low as possible: Inhalation

Dust must be exhausted directly at the point of origin. Use approved industrial vacuum cleaner for removal. High efficiency particulate air filter (HEPA filter)

See: TRGS 558 Tätigkeiten mit Hochtemperaturwolle

#### Protective and hygiene measures

Avoid contact with skin, eyes and clothes. Wash contaminated clothing prior to re-use. Do not use a brush or compressed air for cleaning surfaces or clothing.

Wash hands before breaks and after work.

When using do not eat, drink or smoke.

#### Eye/face protection

Dust protection eye glasses

#### Hand protection

Tested protective gloves must be worn. Required properties: dust-tight

#### Respiratory protection

If technical exhaust or ventilation measures are not possible or insufficient, respiratory protection must be worn.

Respiratory protection necessary at: exceeding exposure limit values

Particle filter device (DIN EN 143)

#### Environmental exposure controls

Do not allow uncontrolled discharge of product into the environment.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state:	solid
Colour:	white
Odour:	odourless

pH-Value:	not applicable
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#### Changes in the physical state

Melting point:	> 1650 °C
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Initial boiling point and boiling range:	not applicable
Flash point:	not applicable
<b>Explosive properties</b>	
not applicable	
Ignition temperature:	not applicable
Decomposition temperature:	not determined
Vapour pressure:	not applicable
Density:	not determined
Water solubility:	practically insoluble
Partition coefficient:	not applicable
Viscosity / dynamic:	not applicable
Viscosity / kinematic:	not applicable
Evaporation rate:	not applicable
Solvent separation test:	not applicable

**9.2. Other information**

No data available

**SECTION 10: Stability and reactivity****10.1. Reactivity**

No special measures are necessary.

**10.2. Chemical stability**

The product is chemically stable under recommended conditions of storage, use and temperature.

**10.3. Possibility of hazardous reactions**

No hazardous reaction when handled and stored according to provisions.

**10.4. Conditions to avoid**

No special measures are necessary.

**10.5. Incompatible materials**

No special measures are necessary.

**10.6. Hazardous decomposition products**

No known hazardous decomposition products.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute toxicity**

Based on available data, the classification criteria are not met.

**Irritation and corrosivity**

Based on available data, the classification criteria are not met.

**Sensitising effects**

Based on available data, the classification criteria are not met.

**Carcinogenic/mutagenic/toxic effects for reproduction**

May cause cancer by inhalation. (Refractory Ceramic Fibres, Special Purpose Fibres, with the exception of those specified elsewhere in this Annex)

Germ cell mutagenicity: 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.

**Other observations**

All synthetic mineral fibres, and some natural fibres, can lead to slight irritation resulting in itching, or in rare cases with sensitive skin to a slight redness of the skin. Unlike other irritant reactions, this is no allergic or chemical skin damage.

This is merely a temporary mechanical effect.

**Further information**

The product has not been tested. The statement is derived from the properties of the single components.

**SECTION 12: Ecological information****12.1. Toxicity**

There are no data available on the mixture itself. Due to the consistency along with the low water solubility of the product a



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bioavailability is unlikely.

**12.2. Persistence and degradability**

There are no data available on the mixture itself.

**12.3. Bioaccumulative potential**

There are no data available on the mixture itself.

**12.4. Mobility in soil**

There are no data available on the mixture itself.

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

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**12.6. Other adverse effects**

No information available.

**Further information**

The product has not been tested. The statement is derived from the properties of the single components. Do not allow uncontrolled discharge of product into the environment.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Advice on disposal**

Dispose of waste according to applicable legislation.

The allocation of waste identity numbers/waste descriptions must be carried out according to the EEC, specific to the industry and process.

**Contaminated packaging**

Handle contaminated packages in the same way as the substance itself.

**SECTION 14: Transport information****Land transport (ADR/RID)****Other applicable information (land transport)**

No dangerous good in sense of these transport regulations.

**Marine transport (IMDG)****Other applicable information (marine transport)**

No dangerous good in sense of these transport regulations.

**Air transport (ICAO-TI/IATA-DGR)****Other applicable information (air transport)**

No dangerous good in sense of these transport regulations.

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: no

**14.6. Special precautions for user**

not applicable

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

not applicable

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII):

Entry 28: Refractory Ceramic Fibres, Special Purpose Fibres, with the exception of those specified elsewhere in this Annex

2004/42/EC (VOC): not applicable

**Additional information**

RCF are classified as a carcinogenic substance CLP 1B. On the 13th of January 2010, ECHA updated the candidate list for authorisation and added 14 new substances in this list including aluminosilicate refractory ceramic fibres and zirconia aluminosilicate refractory ceramic fibres. As a consequence, EU (European Union) or EEA (European Economic Area) suppliers of articles which contain aluminosilicate refractory ceramic fibres and zirconia aluminosilicate refractory ceramic fibres in a concentration above 0.1% (w/w) have to provide sufficient information, available to them, to their customers or upon requests to a consumer within 45 days of the receipt of the request. This information must ensure safe use of the article and as minimum contains the name of the substance.

**National regulatory information**

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Employment restrictions:

Observe restrictions to employment for juvenils according to the 'juvenile work protection guideline' (94/33/EC). Observe employment restrictions under the Maternity Protection Directive (92/85/EEC) for expectant or nursing mothers. Observe employment restrictions for women of child-bearing age.

**Additional information**

Das Produkt unterliegt der Chemikalien-Verbotsverordnung (ChemVerbotsV).  
For use in industrial installations and professional treatment only.  
siehe: TRGS 558 Tätigkeiten mit Hochtemperaturwolle

**15.2. Chemical safety assessment**

For the following substances of this mixture a chemical safety assessment has been carried out:  
Refractory Ceramic Fibres, Special Purpose Fibres, with the exception of those specified elsewhere in this Annex

**SECTION 16: Other information****Changes**

Abs. 7, 13, 15, 16 \* Data changed compared with the previous version

**Abbreviations and acronyms**

CAS: Chemical Abstracts Service (division of the American Chemical Society)  
ADR: Accord européen relatif au transport international des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
RID: Règlement concernant le transport international ferroviaire de marchandises Dangereuses (Regulations Concerning the International Transport of Dangerous Goods by Rail)  
IMDG: International Maritime Code for Dangerous Goods  
ICAO: International Civil Aviation Organization  
MARPOL: International Convention for the Prevention of Marine Pollution from Ships  
VOC: volatile organic compound(s)

**Classification for mixtures and used evaluation method according to Regulation (EC) No. 1272/2008 [CLP]**

Classification	Classification procedure
Carc. 1B; H350i	Calculation method

**Relevant H and EUH statements (number and full text)**

H350i May cause cancer by inhalation.

**Further Information**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material. Restricted to professional users.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*