



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

Importer:

Ivoclar Vivadent Pty Ltd

1- 5 Overseas Drive Noble Park North VIC 3174

Tel: + 61 3 9795 9599 Fax: + 61 3 9795 9645

Email: info@ivoclarvivadent.com

13 11 26

1.4. Emergency telephone number:

Poisons Hotline (24 hours / 7 days)

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

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
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
Explosive properties	
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.)