

Safety Data Sheet

according to REACH Regulation (EC) No 1907/2006 and updated
Regulation (EC) No 2020/878

RAVATHERM CERAMIC FIBER

Revision date: 26.05.2023

Product code: R_CERAMICFIBER

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

1.1. Product identifier

RAVATHERM CERAMIC FIBER

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

Use of the substance/mixture

Construction

1.3. Details of the supplier of the safety data sheet

Company name:	RBS RAVAGO INSAAT YALITIM URUNLERI A.S.	
Street:	20.Cad No:54 Kayseri, Turkey	
Place:	GB-38070 Organize San.Böl.	
Contact person:	Aysegul KOPAN	Telephone: +90 352 322 20 15
e-mail:	aysegul.kopan@ravago.com	

1.4. Emergency telephone number:

+90 352 322 20 15

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GB CLP Regulation

This mixture is not classified as hazardous in accordance with GB CLP Regulation.

2.2. Label elements

2.3. Other hazards

Preparation/mixture without hazards for human health or environment
Prolonged and repeated inhalation of decomposition products may cause a pulmonary oedema.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Ceramic Fiber

Hazardous components

none (according to UK REACH Regulation)

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

First aider: Pay attention to self-protection!
Provide adequate ventilation.

After inhalation

Provide adequate ventilation.
In case of inhalation of decomposition products, affected person should be moved into fresh air and kept still.
Consult physician.

After contact with skin

The melted product can cause severe burns.
Do not use force or solvents to remove product incrustations from affected skin areas.
After contact with molten product, cool skin area rapidly with cold water.
Consult physician.

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After contact with eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

After ingestion

Consult physician.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water and Foam. Carbon dioxide (CO₂). Extinguishing powder.

5.2. Special hazards arising from the substance or mixture

Carbon dioxide. Carbon monoxide hydrocarbons. alcohol resistant foam. Sand.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

High slip hazard because of leaking or spilled product. (Granulate)

6.2. Environmental precautions

No special environmental precautions required.

6.3. Methods and material for containment and cleaning up

Other information

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal. Do not empty into drains.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Provide adequate ventilation. Equipment with built-in suction provisions.

Advice on general occupational hygiene

Provide adequate ventilation. Equipment with built-in suction provisions.
When using do not eat, drink or smoke. Do not breathe dust.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep in a cool place.
Provide adequate ventilation.

Hints on joint storage

storage stability:
storage temperature: < 40 °C unlimited durability.
No special precautionary measures are necessary.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values

To date, no national critical limit values exist.

8.2. Exposure controls

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Individual protection measures, such as personal protective equipment**Eye/face protection**

Wear eye/face protection.

Hand protection

Wear suitable gloves.

Skin protection

Only wear fitting, comfortable and clean protective clothing.

In case of increasing hazard add:heat-resistant synthetic fibres

Respiratory protection

In the case of the formation of dust when mechanical deformations are applied in order to size the product, it must not be inhaled and face mask should always be used.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:	solid (Granulate)	
Colour:	various	
Odour:	odourless	
Flash point:		not applicable
Viscosity / kinematic:		not applicable
Water solubility:		insoluble
Partition coefficient n-octanol/water:		not applicable
Vapour pressure:		not applicable
Relative vapour density:		not applicable

9.2. Other information**Information with regard to physical hazard classes**

Explosive properties

not applicable

Oxidizing properties

not applicable

Other safety characteristics

Evaporation rate:

not applicable

Viscosity / dynamic:

not applicable

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

No hazardous reaction when handled and stored according to provisions.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid : Avoid contact with strong oxidizers, excessive heat, sparks or open flame.

10.5. Incompatible materials

Avoid strong acids, alkalis or strong bases and direct impact with combustive materials

10.6. Hazardous decomposition products

Carbon dioxide. Carbon monoxide hydrocarbons.

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Further information

No risks worthy of mention.

SECTION 11: Toxicological information**11.1. Information on hazard classes as defined in GB CLP Regulation****Acute toxicity**

not applicable

Irritation and corrosivity

not applicable

Sensitising effects

not applicable

Carcinogenic/mutagenic/toxic effects for reproduction

not applicable

STOT-repeated exposure

not applicable

Specific effects in experiment on an animal

not applicable

11.2. Information on other hazards**Further information**

non-irritant. When used and handled according to the specifications, this product does not have any harmful effects to human health according to our experience and the information available. Contact the manufacturer in case the material is to be used in special applications such as in contact with food or for hygiene, medical or surgical end-use.

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

Insoluble in: Water.

Ecotoxicological effects: none

12.2. Persistence and degradability

Not expected to be biodegradable.

12.3. Bioaccumulative potential

It is not expected to bioaccumulate.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

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

12.6. Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects

No further relevant information available.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Disposal recommendations**

Can be burnt together with household waste in compliance with official regulations in contact with approved waste disposal companies and with authorities in charge.

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Refer to manufacturer or supplier for information on recovery or recycling.
Material recycling possible.

SECTION 14: Transport information**Land transport (ADR/RID)****14.2. UN proper shipping name:** Not a hazardous material with respect to transportation regulations.**14.3. Transport hazard class(es):** none**Inland waterways transport (ADN)****14.2. UN proper shipping name:** Not a hazardous material with respect to transportation regulations.**14.3. Transport hazard class(es):** none**Marine transport (IMDG)****14.2. UN proper shipping name:** Not a hazardous material with respect to transportation regulations.**14.3. Transport hazard class(es):** none**Air transport (ICAO-TI/IATA-DGR)****14.2. UN proper shipping name:** Not a hazardous material with respect to transportation regulations.**14.3. Transport hazard class(es):** none**Other applicable information (air transport)**

ICAO/IATA-DGR: none

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

According to Directive 1999/45/EC or Appendix VI to Directive 67/548/EEC the preparation requires no special labelling.

nwg (KBwS-Einstufung), KBwS-Nr.: 766

National regulatory information**SECTION 16: Other information****Further Information**

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

Disclaimer:

This safety datasheet should be used in conjunction with technical datasheets. It does not replace them. The information given is based on our knowledge of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose than that for which it was intended. This does not in any way excuse the user to take all precautions required in handling the product. The aim of the mandatory regulations mentioned is to help the user to fulfil his obligations regarding the use of hazardous products. This information is not exhaustive. This does not exonerate the user from ensuring that legal obligations, other than those mentioned, relating to the use and storage of the product, do not exist. This is solely his responsibility. Furthermore, this safety datasheet is made up based on the legal requirements as set by EC 1272/2008 based on information as is available per July 2017 (date of entry into force). That information that is not yet filled in depends on the input we receive from our suppliers following the time scale as foreseen by EC 1272/2008 and depends solely on the registration of the concerned substances. The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights.

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