

# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

## Ceramic tiles

Creation date	02nd November 2021	Version	1.0
Revision date			

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

**1.1. Product identifier**

Ceramic tiles

Substance / mixture

mixture

**1.2. Relevant identified uses of the substance or mixture and uses advised against**
**Mixture's intended use**

Dry-pressed ceramic tiles with water absorption  $E_b \leq 0.5\%$ , group BIa (Annex G, EN 14 411) for the internal and external wall and floor tiling of buildings.

**Mixture uses advised against**

The product should not be used in ways other than those referred in Section 1.

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

Name or trade name

LASSELSBERGER, s.r.o.

Address

AdeloVa 2549/1, Plzeň - Jižní Předměstí

Czech Republic

Phone

+420800303333

E-mail

info@rako.cz

**Manufacturer**

Name or trade name

LASSELSBERGER, s.r.o.

Address

AdeloVa 2549/1, Plzeň - Jižní Předměstí

Czech Republic

Phone

+420800303333

E-mail

info@rako.cz

**Supplier**

Name or trade name

LASSELSBERGER, s.r.o.

Address

AdeloVa 2549/1, Plzeň - Jižní Předměstí

Czech Republic

Phone

+420800303333

E-mail

info@rako.cz

**Competent person responsible for the safety data sheet**

Name

LASSELSBERGER, s.r.o.

E-mail

info@rako.cz

**1.4. Emergency telephone number**

National Health Service (NHS) 111

National poisoning information centre Scotland, NHS 24: 111

### SECTION 2: Hazards identification

**2.1. Classification of the substance or mixture**
**Classification of the mixture in accordance with Regulation (EC) No 1272/2008**

The mixture is not classified as dangerous according to Regulation (EC) No 1272/2008.

Full text of all classifications and hazard statements is given in the section 16.

**2.2. Label elements**

none

**2.3. Other hazards**

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605. Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

## Ceramic tiles

Creation date	02nd November 2021	Version	1.0
Revision date			

### SECTION 3: Composition/information on ingredients

#### 3.1. Mixtures

##### Chemical characterization

Mixture of substances and additives specified below.

**Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment**

none

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet.

##### If inhaled

Inhalation of dust generated during installation could cause upper respiratory tract irritation and in rare cases allergic/asthmatic reactions. To prevent inhalation engineering controls should be installed whenever practicable and ventilation maximized. If engineering controls are not available or practicable proper PPE should be worn at all times when ceramic tile dust is present.

##### If on skin

Dust and sharp edges generated during installation could cause irritation and lacerations if proper PPE is not worn. Refer to the PPE section for PPE requirements.

##### If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person. Dust and small shards of tile could cause eye irritation and possible eye injury if Personal Protective Equipment, PPE, is not worn properly. Refer to the PPE section for PPE requirements.

##### If swallowed

Rinse out the mouth with clean water. Ingestion of small amounts of dust should not cause harmful effects. Larger pieces could damage the intestinal tract and therefore any area where tiles are being prepared for installation should be thoroughly cleaned to prevent the ingestion of shards or larger pieces and to minimize the ingestion of dust prior to food being brought into the area. Any food in the area during installation should be discarded to prevent possible ingestion of ceramic shards or pieces.

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

##### If inhaled

Not expected.

##### If on skin

Not expected.

##### If in eyes

Not expected.

##### If swallowed

Not expected.

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

Symptomatic treatment.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Accommodate extinguishing components to the location of fire.

##### Unsuitable extinguishing media

Not defined.

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

Ceramic Tile is not flammable under normal circumstance so any fire fighting measures should be tailored to the materials around the tile. This includes the cardboard packaging materials and any other shipping containers the tile is received in.

#### 5.3. Advice for firefighters

Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves. Use a self-contained breathing apparatus and full-body protective clothing.

# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

## Ceramic tiles

Creation date	02nd November 2021	Version	1.0
Revision date			

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Follow the instructions in the Sections 7 and 8.

#### 6.2. Environmental precautions

Ceramic tiles does not in itself present any dangers during an accidental release save the possibility that the tile could bury workers. There are no known environmental risks should the tile enter the environment.

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

Spilled and broken tile should be disposed of as per local regulations for standard trash in a lined landfill.

#### 6.4. Reference to other sections

See the Section 7, 8 and 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection.

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

Keep only in original packaging.

#### 7.3. Specific end use(s)

not available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

The mixture contains no substances for which occupational exposure limits are set.

#### 8.2. Exposure controls

Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

##### Eye/face protection

Protective goggles or face shield (based on the nature of the work performed-for example cutting).

##### Skin protection

Hand protection: for cutting and grinding.

##### Respiratory protection

Respirator for cutting and grinding.

##### Thermal hazard

Not available.

##### Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

### SECTION 9: Physical and chemical properties

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

Physical state	solid
Colour	data not available
Odour	data not available
Melting point/freezing point	data not available
Boiling point or initial boiling point and boiling range	data not available
Flammability	data not available
Lower and upper explosion limit	data not available
Flash point	data not available
Auto-ignition temperature	data not available
Decomposition temperature	data not available
pH	data not available
Kinematic viscosity	data not available
Solubility in water	data not available
Partition coefficient n-octanol/water (log value)	data not available
Vapour pressure	data not available
Density and/or relative density	data not available

# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

## Ceramic tiles

Creation date	02nd November 2021	Version	1.0
Revision date			

Relative vapour density	data not available
Particle characteristics	data not available

Form

### 9.2. Other information

not available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

not available

### 10.2. Chemical stability

The product is stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Unknown.

### 10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

### 10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

### 10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

## SECTION 11: Toxicological information

### 11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

No toxicological data is available for the mixture.

#### Acute toxicity

Based on available data the classification criteria are not met.

#### Skin corrosion/irritation

Based on available data the classification criteria are not met.

#### Serious eye damage/irritation

Based on available data the classification criteria are not met.

#### Respiratory or skin sensitisation

Based on available data the classification criteria are not met.

#### Germ cell mutagenicity

Based on available data the classification criteria are not met.

#### Carcinogenicity

Based on available data the classification criteria are not met.

#### Reproductive toxicity

Based on available data the classification criteria are not met.

#### Toxicity for specific target organ - single exposure

Based on available data the classification criteria are not met.

#### Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

#### Aspiration hazard

Based on available data the classification criteria are not met.

# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

## Ceramic tiles

Creation date	02nd November 2021	Version	1.0
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**11.2. Information on other hazards**  
not available

### SECTION 12: Ecological information

#### 12.1. Toxicity

**Acute toxicity**

Data for the mixture are not available.

#### 12.2. Persistence and degradability

not available

#### 12.3. Bioaccumulative potential

Not available.

#### 12.4. Mobility in soil

Not available.

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

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

#### 12.6. Endocrine disrupting properties

The mixture does not contain substances with endocrine disrupting properties in accordance with the criteria set out in Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605.

#### 12.7. Other adverse effects

Not available.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling. Ceramic tiles does not in itself present any dangers during an accidental release save the possibility that the tile could bury workers. There are no known environmental risks should the tile enter the environment. Ceramic waste generated during installation or during the removal of old ceramic wall and floor tiles can be used for backfilling construction pits and, after crushing, as base and filling material in other construction works.

**Waste management legislation**

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

### SECTION 14: Transport information

#### 14.1. UN number or ID number

not subject to transport regulations

#### 14.2. UN proper shipping name

not relevant

#### 14.3. Transport hazard class(es)

not relevant

#### 14.4. Packing group

not relevant

#### 14.5. Environmental hazards

not relevant

#### 14.6. Special precautions for user

Reference in the Sections 4 to 8.

#### 14.7. Maritime transport in bulk according to IMO instruments

not relevant

# SAFETY DATA SHEET

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## Ceramic tiles

Creation date	02nd November 2021	Version	1.0
Revision date			

### SECTION 15: Regulatory information

#### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 as amended. Environmental Protection Act 1990 as amended. Clean Air Act 1993 as amended. Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16th December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006, as amended.

#### 15.2. Chemical safety assessment

not available

### SECTION 16: Other information

#### Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

#### Key to abbreviations and acronyms used in the safety data sheet

ADR	European agreement concerning the international carriage of dangerous goods by road
BCF	Bioconcentration Factor
CAS	Chemical Abstracts Service
CLP	Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures
EC	Identification code for each substance listed in EINECS
EINECS	European Inventory of Existing Commercial Chemical Substances
EmS	Emergency plan
EU	European Union
EuPCS	European Product Categorisation System
IATA	International Air Transport Association
IBC	International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods
INCI	International Nomenclature of Cosmetic Ingredients
ISO	International Organization for Standardization
IUPAC	International Union of Pure and Applied Chemistry
log Kow	Octanol-water partition coefficient
MARPOL	International Convention for the Prevention of Pollution from Ships
OEL	Occupational Exposure Limits
PBT	Persistent, Bioaccumulative and Toxic
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Agreement on the transport of dangerous goods by rail
UN	Four-figure identification number of the substance or article taken from the UN Model Regulations
UVCB	Substances of unknown or variable composition, complex reaction products or biological materials
VOC	Volatile organic compounds
vPvB	Very Persistent and very Bioaccumulative

#### Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

#### Recommended restrictions of use

not available

#### Information about data sources used to compile the Safety Data Sheet

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## Ceramic tiles

Creation date	02nd November 2021	Version	1.0
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REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended.  
 REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from  
 the manufacturer of the substance / mixture, if available - information from registration dossiers.

**More information**

Classification procedure - calculation method.

**Statement**

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.