

Date:12.3.2018

Former date:

Trade name / Substance name: 34R Taivassalo red granite

x SAFETY DATA SHEET

(INFORMATION FORM FOR CHEMICALS DATA)

(*) concerns only chemical notification

(**) either 3.1 or 3.2 must be filled

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product identifier

Trade name / Substance name

34R Kalanti red granite

Company product code

Not applicable

REACH Registration number

Not applicable

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

The uses of the chemical

Aggregates for concrete and decorative construction

Classification of economic activities (NACE) (*)

Use categories (UC62) (*)

The chemical can be used by the general public (*) x

The chemical is used by the general public only (*)

1.3 Details of the supplier of the Safety Data Sheet

Supplier (manufacturer, importer, only representative, downstream user, distributor)

Responsible for placing a chemical on the market in Finland (*)

Finnsementti Oy

Street address

Skräbbölenie 18

Postcode and post office

21600 PARAINEN, FINLAND

Post-office box

Postcode and post office

Telephone number

+358 201 206 200

Telefax

E-mail address

info@finnsementti.fi

Finnish Business ID (Y code) (*)

1.4 Emergency telephone number

Poison Information Centre Tel. +358 9 471 977 (direct) or +358 9 4711 (exchange)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

No need to classification according to Regulation EC N:o 1272/2008 [CLP] to this product.

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2.2 Label elements

The product does not require a hazard warning label according to Regulation EC N:o 1272/2008 [CLP].

2.3 Other hazards

None

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**3.1 Substances (**)**

Main constituent / constituent	CAS-, EC- or index number	Concentration

3.2 Mixtures ()**

Substance name	CAS-, EC- or index number	REACH Registration No.	Concentration	Classification
Quartz Respirable quartz	14808-60-7		73% < 1,0%	This product contains less than 1% of respirable quartz and therefore is NOT CLASSIFIED.

SECTION 4: FIRST AID MEASURES**4.1 Description of first aid measures**

Eye contact: Rinse with copious quantities of water and seek medical attention if irritation persists.
 Inhalation: Movement of the exposed individual from the area to fresh air is recommended.
 Ingestion: No first-aid measures required.
 Skin contact: No special first aid measures necessary.

4.2 Most important symptoms and effects, both acute and delayed

Product dust may irritate eyes mechanically.

4.3 Indication of any immediate medical attention and special treatment needed

No specific actions are required.

SECTION 5: FIREFIGHTING MEASURES**5.1 Extinguishing media**

No specific extinguishing media is needed.

5.2 Special hazards arising from the substance or mixture

Non combustible. No hazardous thermal decomposition.

5.3 Advice for firefighters

No specific extinguishing media is needed.

SECTION 6: ACCIDENTAL RELEASE MEASURES**6.1 Personal precautions, protective equipment and emergency procedures**

Avoid dry sweeping and use water spraying or vacuum cleaning systems to prevent airborne dust generation.
 Wear personal protective equipment in compliance with national legislation.

6.2 Environmental precautions

Avoid airborne dust generation.

6.3 Methods and material for containment and cleaning up

Avoid dry sweeping and use water spraying or vacuum cleaning systems to prevent airborne dust generation.

6.4 Reference to other sections

See sections 8 and 13.

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SECTION 7: HANDLING AND STORAGE	
7.1	Precautions for safe handling Avoid airborne dust generation. Provide appropriate exhaust ventilation at places where airborne dust is generated. In case of insufficient ventilation, wear suitable respiratory protective equipment.
7.2	Conditions for safe storage, including any incompatibilities No special requirements.
7.3	Specific end use(s) No special requirements.
SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION	
8.1	Control parameters National occupational exposure limit values Respirable crystalline silica 0,05 mg/m ³ / 8h Inorganic dust: 10 mg/m ³ / 8h Other limit values No occupational exposure limits known. DNEL No occupational exposure limits known. PNEC No occupational exposure limits known.
8.2	Exposure controls Appropriate engineering controls Minimize airborne dust generation. Use process enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below specified exposure limits. Eye / face protection Wear safety glasses Skin protection No specific requirement. Hand protection No specific requirement. Respiratory protection In case of insufficient ventilation, wear suitable respiratory protective equipment. Thermal hazards None Environmental exposure controls Minimize airborne dust generation.
SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES	
9.1	Information on physical and chemical properties
Appearance	Solid, granular
Odour	Almost odourless
Odour threshold	Not relevant
pH	Not relevant
Melting point/freezing point	Not relevant
Initial boiling point and boiling range	Not relevant
Flash point	Not relevant

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Evaporation rate	Not relevant
Flammability (solid, gas)	Not relevant
Upper/lower flammability or explosive limits	Not relevant
Vapour pressure	Not relevant
Vapour density	Not relevant
Relative density	2650 kg/m ³
Solubility(ies)	Insoluble
Partition coefficient: n-octanol/water	Not relevant
Auto-ignition temperature	Not relevant
Decomposition temperature	Not relevant
Viscosity	Not relevant
Explosive properties	Not relevant
Oxidising properties	Not relevant

9.2	Other information
	None

SECTION 10: STABILITY AND REACTIVITY	
10.1	Reactivity
	Inert, not reactive in normal conditions.
10.2	Chemical stability
	Chemically stable in normal conditions.
10.3	Possibility of hazardous reactions
	No hazardous reactions.
10.4	Conditions to avoid
	Not known.
10.5	Incompatible materials
	No particular incompatibility.
10.3	Hazardous decomposition products
	Not relevant

SECTION 11: TOXICOLOGICAL INFORMATION	
11.1	Information on toxicological effects

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.

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Carcinogenicity

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 information

None

SECTION 12: ECOLOGICAL INFORMATION	
12.1	Toxicity Based on available Data, the classification criteria are not met.
12.2	Persistence and degradability Based on available Data, the classification criteria are not met.
12.3	Bioaccumulative potential Based on available Data, the classification criteria are not met.
12.4	Mobility in soil Based on available Data, the classification criteria are not met.
12.5	Results of PBT and vPvB assessment Based on available Data, the classification criteria are not met.
12.6	Other adverse effects Based on available Data, the classification criteria are not met.
SECTION 13: DISPOSAL CONSIDERATIONS	
13.1	Waste treatment methods Where possible, recycling is preferable to disposal. Product can be used in earthwork and landfill.
SECTION 14: TRANSPORT INFORMATION	
14.1	UN number Not relevant
14.2	UN proper shipping name Not relevant
14.3	Transport hazard class(es) Not classified
14.4	Packing group Not classified
14.5	Environmental hazards Not classified
14.6	Special precautions for user Not relevant
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code Not relevant
SECTION 15: REGULATORY INFORMATION	
15.1	Safety, health and environmental regulations/legislation specific for the substance or mixture http://www.crystallinesilica.eu/sites/crystallinesilica.eu/files/documents/IMA_Position_Paper_-_CL_of_RCS__May_2010_.pdf

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15.2 Chemical safety assessment

Exempted from REACH Registration in accordance with Annex V.7.

SECTION 16: OTHER INFORMATION

Indication of changes

Regulation EC N:o 1272/2008 [CLP].

Abbreviations and acronyms

None

Key literature references and sources for data

None

Used method in evaluating classification

Regulation EC N:o 1272/2008 [CLP].

List of relevant R-and S-phrases or/and safety and precautionary statements

None

Training advice for workers

www.finnsementti.fi