

Safe Use Instruction Sheet

Date 11.01.2024

Version 1

SECTION 1. Identification of the material/mixture and the company/undertaking.

1.1 Product identifier

- Tradename: **Leca®-sora**

1.2 Relevant identified uses of the product and uses advised against

- **Intended uses:**

Thermal insulation, fill material, construction product, raw material for Leca blocks and lightweight concrete etc.

1.3 Details of the supplier of the safety use instruction sheet

Manufacturer/Supplier:

Leca Finland Oy

PL 70

(Strömberginkuja 2)

FIN-00381 Helsinki

Tel. +358-(0)10 4422 668

info@leca.fi

www.leca.fi

1.4 Emergency telephone number:

0800 147 111

09 471 977

Finnish Poison Information Centre

SECTION 2. Hazard identification

2.1 Classification of the substance or mixture

- The product is not classified as hazardous to health or the environment, according to the CLP regulation.
- The substance is not classified, according to the CLP regulation.

2.2. Label elements

- Labelling according to Regulation (EC) N:o 1272/2008: Void
- Hazard pictograms: Void
- Signal word: Void
- Hazard statements: Void

2.3. Other hazard

When handling the product, airborne dust can be generated. Avoid breathing the dust which may contain small amounts of respirable crystalline silica (quartz). Occupational exposure limits apply for respirable silica, see section 8.

SECTION 3. Composition/information on ingredients

- Aluminosilicate
 - Other elements: CaO/Fe₂O₃/MgO/K₂O/Na₂O
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SECTION 4. First Aid Measures

- after inhalation: respiration in fresh air.
 - after skin contact: no irritation
 - after eye contact: wash with water
 - after ingestion: there is no known oral toxicity although it should not be ingested.
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SECTION 5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing agents

- The product is not combustible. Use fire extinguishing methods suitable to the surrounding

5.2 Special hazards arising from the substance or mixture

- No specific hazards related to the product.

5.3 Advice for Firefighters

- Protective equipment: No special measures are required.
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SECTION 6. Accidental release measures

- Protective measurements for the environment: not required
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SECTION 7. Storage, handling, transportation

- Prevent the formation of dust.
 - Provide suction extractors if dust is formed.
 - Information about fire – and explosion protection: No special measures are required.
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SECTION 8. Exposure controls/personal protection

- Respiratory protection: Use a suitable respiratory protective device when high concentrations are present
 - Hand protection: Not required
 - Eye/face protection: Goggles are recommended during dust-generating operations.
 - Body protection: Work clothing
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SECTION 9. Physical and chemical properties

- Colour: Light brown
- Odour: Odourless

Change in Condition:

- Melting point/Melting range: Ca. 1200 °C
- Boiling point/Boiling range: Undetermined.
- Flash point: Not applicable
- Self-igniting: The product is not self-igniting.
- Danger of explosion: The product does not present an explosion hazard.
- Volatile by volume (%): Not determined.
- Density at 20°C: 250-600 kg/m³ dry basis, depending on fraction.

- Solubility in/Miscibility with Water: Not miscible or difficult to mix
 - pH-value at 20°C: N/A.
 - Viscosity: dynamic at 20°C: Not determined
 - Kinematics: Not determined
 - Solvent separation test: N/A
 - Addition information: None
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SECTION 10. Stability and reactivity

- Reactivity Not reactive under normal conditions of use
 - Chemical stability Stable at recommended storage conditions
 - Possibility of hazardous reactions No dangerous reactions known
 - Conditions to avoid None
 - Incompatible materials: None
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SECTION 11. Toxicological information

- Non-Toxic
 - Additional toxicological information: The substance is not subject to classification according to the latest version of the EU list.
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SECTION 12. Ecological information

- Aquatic toxicity: Not classified as harmful to aquatic life
 - Persistence and ability to decompose: Ceramic Product
 - Biological decomposition: not able to decompose, biologically, used as substrate in biological filters
 - Physical & chemical elimination: inert, insoluble, do not decompose easy to eliminate from water
 - Mobility in soil: Not mobile in the environment
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SECTION 13. Disposal considerations

- Product: Can be re-used or recycled.

- Can be disposed of as ordinary construction waste - Potential EWC code: 17 01 03, 10 12 08
 - Packing: Material delivered mainly in bulk.
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SECTION 14. Transport information

- Land Transport (ADR/RID) classification: not classified
 - Air transport (IATA) classification: not classified
 - Sea transport (IMDG) classification: not classified
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SECTION 15. Regulation information

The European Regulation on Registration Evaluation and Authorisation of Chemicals (EC) No 1907/2006 (REACH) enforced on June 1st, 2007, requires Safety Data Sheets (SDS) only for specific substances and mixtures as defined in Art. 31. Expanded clay products are articles under REACH and therefore, SDS is not legally required. Nevertheless, Leca Finland Oy has decided to provide its customers voluntarily with the appropriate information to ensure the safe handling and use of expanded clay products through this voluntary Safe Use Instruction Sheet.

SECTION 16. Other information none

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.