SAFETY DATASHEET

1. Name of the product and the company

Product name: Rådasand®
Area of application: Special sand for things such as water purification and iron foundries
Supplier: Rådasand AB, Sandtagsvägen 1, 531 57 Lidköping, Sweden
Tel: +46 (0)10-456 89 00
Email: info@radasand.se
Date issued: 2014-04-01

2. Hazardous properties

Health risks: Repeated inhalation of dust can cause varying degrees of irritation in the respiratory organs or lung damage. Dust can cause mechanical irritation.
Classification: Not classified in accordance with the Swedish Chemicals Agency's register.

3. Composition/classification of the substances

<table>
<thead>
<tr>
<th>Substance</th>
<th>CAS no.</th>
<th>%</th>
<th>EU number</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>SiO₂, Quartz</td>
<td>14808-60-7</td>
<td>75-83</td>
<td>238-878-4</td>
<td>-</td>
</tr>
</tbody>
</table>

The hygienic limit values are shown in section 8

4. First aid

Inhalation: If it is inhaled, move into fresh air.
Contact with the eyes: Avoid it getting into your eyes. Swill carefully with water to remove particles.

5. Action in the event of a fire

The product is not flammable.

6. Action in the event of a spill/unintentional leak

Personal protection measures: Avoid inhalation of dust. Wear suitable breathing mask where there is inadequate ventilation.
Cleaning methods: Vacuum or brush/clear away the substance carefully to prevent dust accumulation, or rinse with water.
See section 13 for waste handling

7. Handling and storage

Handling: Prevent dust collection by using closed handling equipment and/or satisfactory ventilation (local exhaust ventilation).
Storage: Unlimited storage capacity. Plastic bags (PE) must not be stored in sunlight.
See section 8 for limitation of exposure

8. Limitation of exposure/personal protection measures
Limit value for exposure: In accordance with the Swedish Work Environment Authority.

<table>
<thead>
<tr>
<th>Substance</th>
<th>Limit value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quartz</td>
<td>Respirable: 0.1 mg/m³</td>
</tr>
</tbody>
</table>

Recommended control method: SKC pump; pre-separator and Millipore filter.

Limitation of exposure at the workplace: Use closed processes, local exhaust ventilation or other technical equipment to keep air-borne levels below the recommended limit value.

Personal protection equipment: Use suitable breathing protection if necessary. Particle filter P3 is recommended. Protective spectacles are recommended.

9. Physical and chemical properties

General information
Physical permit: Solid substance (grain).
Colours: Beige - grey

Important information for health, environment and safety
Grain density: 2.60 Mg/m³
Solubility: Insoluble in water

10. Stability and reaction

Stability: The product is stable
Conditions that shall be avoided: Dry sand must not be used as a blasting material.

11. Toxicological information

Other information: As with all work using fine-grained mineral products, you should avoid air-borne dust. Exposure to all forms of dust can constitute a potential health hazard.

12. Ecotoxicological information

No environmental risks known

13. Waste handling

Residual waste: Waste must be removed in accordance with regional, governmental or local environmental laws.
Packaging: Plastic packaging should be deposited as flammable waste.

14. Transport instructions

The product is not covered by the hazardous goods transport regulations.

15. Applicable regulations

AFS 2000:3 The hygienic limit values and measures against air contaminants.

16. Other information

This version is version 2.1

Compiled by: GK/HD