



Safety Data Sheet

Revision date: 2010-04-01 Issue: 14

1. Name of the product and company

Product Name: Brogårdsand 12KT; 16KT; 20KT; 23KT; 25KT; 27KT; 30KT; 35KT; 38KT; 45KT; 55KT; 70KT; 85KT; 95KT; 27/45; 0,8-1,2mm; 0,9-1,2mm; 0,5-3,0mm; 0,2-2,5 mm; 1-3mm; 1,2-2mm; 2 – 3 mm; 2 – 4 mm; 4 – 8 mm; 8 – 16 mm; VV-sand; BV-sand; TB-sand

Chemical Name: Silica
Supplier: Brogårdsand AB
Box 117
566 22 Habo
Tel: 036/41045 Fax:036/41985
Contact: Mikael Wetterheim

2. Composition/ information on ingredients

Ingrediens:	CAS nr.:	Klassifikation	REACH
SiO ₂ , Quartz	14808-60-7	None*	Exempted **

*Silica sand does not meet the criteria for classification as dangerous as defined in Directive 67/548 EEC

** Exempted according to Article 2 § (7) of REACH

3. Hazards

Health Hazard: Prolonged and or massive inhalation of respirable crystalline silica dust may cause lung fibrosis, commonly known as silicosis.

4. First aid

General: No actions are to be avoided, nor are there any special instructions for rescuers.
Inhalation: No special first aid measures. Remove to fresh air and consult a physician.
Skin contact: No special first aid measures necessary.
Eye contact: Wash with copious quantities of water.
Ingestion: Non-toxic

5. Fire- Fighting measures

Does not burn. No hazardous releases in case of fire.

6. Accidental release measures

Personal precautions: Avoid airborne dust generation. In case of prolonged exposure to airborne dust concentrations, wear a personal respirator in compliance with national legislation.

Environmental precautions: No special requirements.

Methods for Cleaning up: Avoid dry sweeping and use water spraying or vacuum cleaning systems to prevent airborne dust generation.

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7. Handling and storage

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.

Storage: Technical measures/ Precautions
Ensure abatement of dust produced during the loading of silos.
Keep containers closed and store/handle bagged products so as to prevent accidental bursting.

8. Exposure controls/ personal protection

Exposure limit values: Respect workplace regulatory provisions for all types of airborne dust (total dust, respirable dust and respirable crystalline silica dust).
The OEL (Occupational exposure limit) for respirable crystalline silica dust is 0,1 mg/m³ in Sweden, measures as an 8 hour TWA(Time Weighted Average).

Exposure controls: Provide appropriate local exhaust ventilation in places where dust is generated.
Control of occupational exposure may also be achieved by enclosing plant and equipment, by isolation personnel from dusty areas and by ensuring good standards of ventilation in the workplace. Wash hands before breaks and at the end of the workday. Remove and wash soiled clothing.

Personal precautions: In case of prolonged exposure to airborne dust concentrations, wear a personal respirator that complies with the requirements of national legislation.
In Sweden, Dust filter (P3) to be used for information of dust, see also AFS 1992:16 – kvarts, AFS 2001:3 – Användning av personlig skyddsutrustning, AFS 2005:17 – Hygieniska gränsvärden och åtgärder mot luftföroreningar samt AFS 2005:6 – Medicinska kontroller i arbetslivet.

Eye protection Wear safety glasses with side-shields in circumstances where there is a risk of penetrative eye injuries.

9. Physical and chemical properties

Appearance:	solid, granular	Odour:	odourless
Color:	light brown to gray	Solubility:	Not soluble in water
Particle size range:	se technical data sheet	SiO ₂ :	70-95 % se technical data sheet
Material density:	2 650kg/m ³	Bulk density:	1 500kg/m ³

10. Stability and reactivity

Chemically stable, no particular incompatibility

11. Toxicological information

Overall: Prolonged and/or massive exposure to respirable crystalline silica- containing dust may cause silicosis, a nodular pulmonary fibrosis caused by deposition in the lungs of fine respirable particles of crystalline silica.

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12. Ecological information

Other information: No specific adverse effects known. Not persistent, not bioaccumulative..

13. Disposal considerations

Waste management: To be in accordance with local regulations.

14. Transport information

No special precautions are required under relating to the transportation of dangerous goods

15. Regulatory information

In Sweden:

Laws and regulations:

AFS 1992:16 – Kvarts (Quartz)

AFS 2001:3 – Användning av personlig skyddsutrustning (use of personal protective equipment)

AFS 2005:17 – Hygieniska gränsvärden och åtgärder mot luftföroreningar(occupational exposure limits and measures against air pollution)

AFS 2005:6 – Medicinska kontroller i arbetslivet(Medical checks at work)

16. Other information

Dry sand blasting:

May not be used as abrasives in free blasting. §10, AFS 1992:16

The above information is based on current knowledge about the product. When changes or discoveries in product supply updated information.