

Safety Data Sheet acc. to 91/155/EC and § 14 - Dangerous Matter Act

printed on:

1.	Material / Preparation and Firm Name	
1.1.	Details of the product	
	The safety data sheet applies to the following products:	
	Brand names:	
	fire-dried quartz sand of the grain sizes	
	0.06 - 0.2 mm	0.1 - 1.0 mm 0.7 - 1.25 mm
	0.1 - 0.35 mm	0.2 - 0.7 mm 1.0 - 2.0 mm
	0.1 - 0.4 mm	0.3 - 1.0 mm 1.5 - 3.15 mm
	0.1 - 0.5 mm	0.5 - 1.0 mm
	also possible is a mix of grain sizes	
1.2.	Details of the manufacturer/supplier	
1.2.1.	Manufacturer	Quarzsand GmbH Nudersdorf Phone: 034929/20242-45
	Road/post box	Kirchstraße 8 Telefax: 034929/20248
	Country code/post code/town	D - 06896 Nudersdorf Internet: www.qsnudersorf.de
1.2.2.	Dept. providing information	Management E-Mail: info@qsnudersdorf.de
1.2.3.	Emergency information	not required
2.	Composition/ details of the components	
2.1.	Description of preparation:	processed quartz sand according to DIN 4226-1
2.2.	Components subject to labelling:	not applicable
3.	Possible risks	
3.1.	Description of the risk	none
3.2.	specific instructions for people	not applicable
4.	First aid measures	
4.1.	After skin contact	none
4.2.	After eye contact	rinse with water and consult eye specialist, if necessary
5.	Measures of fire fighting	
5.1.	Suitable extinguishing agents	not applicable
6.	Measures in case of unintended release	
6.1.	Measures for people	none
6.2.	Environmental protection meas.	not applicable
6.3.	Cleaning/removal methods	mechanical, remove wet or dry
7.	Handling and storage	
7.1.	Handling	
7.1.1.	Instructions for safe handling	not applicable
7.2.	Storage	
7.2.1.	Requirements to storage rooms and containers	not applicable
8.	Restriction of exposure and personal protective clothing	

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8.1.	Personal protective clothing	
8.1.1.	Gen. protect. a. hygiene meas.	comply with instructions of social insur. against occ. accid.
8.1.2.	Respiratory protection	wear respirator in case of strong dust occurrence
8.2.3.	Hand protection	not required
8.2.4.	Eye protection	Instruction ZH 1/192 of social insur. against occ. accid.
8.2.5.	Body protection	not required
9.	Physical and chemical properties	
9.1.	Shape	granular, rounded edges
9.2.	Colour	light grey
9.3.	Smell	odourless
9.4.	Density	2.6 g/cm ³
9.5.	Bulk density	1.5 g/cm ³
9.6.	C+B21hemical components+B40	SiO ₂ approx. 96.5 - 98.5 %
9.7.	Change of state	sinter temp. approx. 1,460 °C
10.	Stability and Reactivity	
10.1.	Avoided matters+B82	not applicable
11.	Details of toxicology	not applicable
12.	Details of ecology	not applicable
13.	Instructions for disposal	
13.1.	Reco+B85mmendation	can be disposed of together with domestic waste by considering local and official regulations
13.2.	Waste key number	31 442 waste of silicic acid and quartz
14.	Transport regulations	no labelling obligation
15.	Regulations	
15.1.	Labelling acc. to EC regul.	not applicable
15.2.	Labelling acc. to national regul.	not applicable
16.	Other details	
16.1.	Other instructions	If quartz grains are mechanically milled (crushed) the arising dust is < 5 µm silicogene. Then UVV (<i>Health Regul.</i>) "Mineral Dust Dangerous for Health" (VBG 119) applies. The MAC value for fine quatz dust is 0.15 mg/m ³ . The Nudersdorf quartz sand described here does not contain any dust in the fine sand grain sizes < 5 µm. (The grain size of portions < 5 µm cannot be determined by external test facilities.)