



SHAW RESOURCES MATERIAL SAFETY DATA SHEET

SILICA SAND

SECTION I - PRODUCT IDENTIFICATION

Product name: Silica Sand (No. 2, 1, 0, 00 Sizes, Glass Sand)

Product use: Blasting Abrasive Aggregates

Supplier name and address:

Shaw Resources
Nova Scotia Sand & Gravel Operation
P.O. Box 60
Shubenacadie, NS B0N 2H0

Manufacturer name and address:

Same

Emergency Tel. #: 1-(902)-758-4700

Fax #: 1-(902)-758-3622

Chemical Name: Silicon Dioxide

Emergency Tel. #: Same

Fax #: Same

Molecular Weight: 60.09

SECTION II - INGREDIENTS

Ingredients	CAS #	%	LC ₅₀ ppm (Inhalation)	LD ₅₀ mg/kg (Oral)
Quartz	14808-60-7	60 - 100%N.Av.	N.Av.	

SECTION III - PHYSICAL DATA

Physical State:	Solid	Melting point:	1600°C
Odour and appearance:	No odour - White Granular	pH:	N.Ap
Odour threshold:	N.Ap	Vapour density (air 1):	N.Ap
Specific gravity:	2650 kg/M ³	Evaporation rate (BuAc 1):	N.Ap
Coefficient of water/oil distribution:	N.Ap	Volatility, %:	0%
Vapour pressure (mmHg):	N.Ap	Solubility in water:	N.Ap
Boiling point:	2230°C	Density g/ml	1.40 g/ml

SECTION IV - FIRE AND EXPLOSION DATA

Conditions of flammability:	N.Ap
Means of extinction:	N.Ap
Sensitivity to mechanical impact/static discharge:	Slight
Flash point (Method):	N.Ap
Upper/Lower flammable limits (% by volume):	N.Ap
Auto-ignition temperature:	N.Ap
Hazardous combustion products:	N.Ap

SECTION V - REACTIVITY DATA

Stability:	stable
Incompatible materials:	Strong Oxidizing Agents
Conditions of reactivity:	N.Ap

Hazardous decomposition products: N.Ap

N.Av. Not Available
N.Ap. Not Applicable

