



P.O. 6026, East Brunswick, NJ 08816
Tel: 732-257-5002 Fax: 732-257-5003 Website: www.ceramsource.com

MSDS of Silica Blanket January 01, 2014

Material Safety Data Sheet

Section 1: Identification of Substance

Chemical Product Name: Silica Fiber Needle Mat, Blanket
Type : Silica Fiber
Color: White
Odor: No odor

Section 2 : Composition and Ingredient Information

Ingredients	Silicate dioxide	Aluminum oxide	Sodium oxide
Composition min.	95%	4.0±0.4%	Max. 0.8%
Chemical formula	SiO ₂	Al ₂ O ₃	Na ₂ O

Section 3: Possible risks

In the process of application of silica fiber there is a possibility of formation of dust-containing silica-acid anhydride, which irritates the mucous membrane of respiratory tract and skin of the workers.

Section 4: First Aid

General information: Special measures are not necessary, In case of complaints apply for medical assistance.

First Aid:

After inhalation: In case of complaints apply for medical assistance.

After skin contact: Wash affected area gently with soap and water. Skin cream or lotion can also help after washing.

After eye contact: Flush immediately with large amounts of water for at least 15 minutes. Do not rub eyes. Get medical help if irritation persists.

Section 5 : Fire-Fighting Measures : not applicable

Suitable extinguishers:

Extinguishers not recommended for reason of safety: Not regulated.

Special risks caused by the material itself: No

Special protective equipment: Special measures are not required.



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Additional information: Silica fiber are non-combustible, non-explosive and non-toxic.

Section 6 : Measures in case of unintended release

Personal protective measures: No
Ecological protective measures: No
Cleansing methods: No

Section 7: Handling and Storage

Information on safe handling including technical protective measures:
No special measures are required.
Information on safe storage: storage of silica fiber in a packing of a manufacturer in a sheltered warehouse with the relative moisture not more than 80%(recommended).

Section 8: Exposure limits and personal protective equipment

Additional information for the construction of technical plants: No
Constituents with job-related exposure limits to be observede.
Personal Protective Equipment
General information on protection and hygiene
Breathing protection: respirators
Skin protection: overalls
Eye protection:
Body protection:

Section 9: Physical and Chemical Properties

Appearance: Solid substance
Colour: white
Odour: No
Safety-relevant data:
PH-value: not applicable
Softening point :1600°C
Flash point: not applicable
Combustibility: not applicable
Inflammation point: not applicable
Self-inflammability: not applicable
Explosion limit: UEL: not applicable
Water solubility: not applicable
Further information: solid, non-combustible, non-toxic.



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Section 10: Stability and Reactivity

Dangerous reactions: Not known, no dangerous reactions

Materials/conditions to be avoided: No decomposition if used at right application

Dangerous decomposition products: No

Section 11: Toxicology

At the right application and proper handling silica fiber do not have any harmful influence, Non-toxic.

Section 12: Ecology

In accordance with many years experience silica fiber does not have any harmful influence on the environment.

Section 13: Waste disposal

Small quantities can be disposed with household waste.

Waste code: 590 009 5004

Name: soft waste of silica fiber

Accountability: Belneftechim, Minsistry of nature

Section 14: Transport

Land carriage: ADR/RID, GGVS-class; non-dangerous Risk no/Un-no

Inland navigation: AND/ADNR-class: non-dangerous cargo Cat-no.:

Sea shipping: IMDG/GGVSea-class: non-dangerous U1N-no.:

Air transport: ICAO/IATA-class: non-dangerous cargo UN-no./ID-no.:

Section 15: Regulations

Marking as per EC regulations: the fibers are not subjected to classification.

Risk description and distinguishing mark:

National regulations: N/A

References to limitation of employment: No

Incident regulation: No

Regulation on combustible Liquids: non applicable.

Water endangering class: No



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Section 16: Further information

The data are based on our current knowledge.

Section 17: Disclaimer:

The Data set forth in these sheets are based on the information provided by the suppliers of the raw materials and chemicals used in the manufacturing of the mentioned product. Ceramsource, Inc. makes no warranty with respect to the accuracy of the information provided by their suppliers, and disclaims all liability of reliance thereon.