

MATERIAL SAFETY DATA SHEET

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Trade name: **belCoTex[®]** -fibers and fiber products

2002-01-30

1. Terms of substance, preparation, company

Trade name: belCoTex[®] - fibers and fiber products

Information about producer/supplier

belChem fiber materials GmbH, Industriegebiet Muldenhütten, D-09599 Freiberg, GERMANY

Tel.: +49 (0) 3731 20 34-0

Fax: +49 (0) 3731 20 34-79

E-Mail: sales@belchem.de

2. Composition / information about components

Chemical composition: 94,5 % SiO₂
4,5 % Al₂O₃
< 0,4 % Na₂O
< 0,6 % Alkaline and residual components

Production process: ACFR-technology

Components: fibers made of textile staple
fibers with an average diameter of 9 µm
on base of silicic acid

3. Possible hazard no classification

4. First aid measures

After breathing: First aid steps are not necessary
at regular handling (see also point 7)

After skin contact: none

After eye contact: none

After swallowing: none

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5. Fire protection measures

Suitable fire fighting means:	belCoTex® is not flammable. No restrictions regarding fire fighting means
Unsuitable fire fighting means:	no restrictions by belCoTex®
Special hazard:	none
Special protection outfit :	none

6. Measures after unintentional exposure

Precautions for personnel:	none
Precautions for environment:	none

7. Handling and storage

Handling:	Strong mechanical stress may cause dusts of fibers or particles
Storage:	no restrictions by belCoTex®

8. Limits for exposure and personally protection equipment

Breathing protection:	none
Eye protection:	none
Hand protection:	none
Body protection:	none

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Protection and hygienic steps: Before breaks and after end of work wash hands and use lotion if skin is sensitive.

Additionally hints: If necessary, suck off locally

Limit of components regarding the working place which have to be watched over.

Type: General limit for dust particles

Type of limit: MAK

Value of limit: 6 mg/m³

Additionally hints: belCoTex[®] is not being registered as carcinogenic regarding EU Directive 97/69/EC
belCoTex[®] must not be typified

9. Physical and chemical properties

Appearance

Shape: solid

Color: white

Smell: none

insoluble except hydrogen fluoride or strong alkalines

Safety related data

pH: -

Melting range: > 1600°C

Flashpoint: - (not flammable at all)

Limits of exposure: none

Vapor pressure: -

Density of single fiber: 2100 kg/m³

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10. Stability and reactivity

Conditions to avoid:	none
Do not combine with:	none
Dangerous decomposition products:	none

11. Toxicological aspects

No instructions necessary

12. Ecological aspects

No harmful effects known

13. Advise for removal

Products may be deposited as usual waste (see regional instructions)

Classification of waste:	Preferably for glass waste
Duty of listing:	none

14. Transport

GGVSee/IMDG-Code:	not applicable
GGVE/GGVS:	not applicable
UN-Nr.:	not applicable
ICAO/IATA-DGR:	not applicable
ADNR:	not applicable
RID/ADR:	not applicable

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15. Directions

belCoTex® is not being registered as carcinogenic regarding EU Directive 97/69/EC.

belCoTex® must not be typified (see page 3 of 5)

16. Other instructions

Date: 2002-01-30

Notice:

These instructions depend on knowledge of today and serve as declaring the products regarding official precautions. They neither assure properties of the products nor dispense from own responsibility during usage. Please pay attention to legal instructions.

Contact: Dr. S. Lehr, Tel. +49 (0) 3731 20 34-0
