

Trade name: Celite 545 / CSL Behring

Substance number: 330091

Version: 1 / CH

Date revised: 05.09.14

Replaces Version: - / CH

Date of printing: 09.09.14

1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Celite 545 / CSL Behring

Item-No. 33009100

1.3. Details of the supplier of the safety data sheet

Address

Hänseler AG

Industriestrasse 35

9101 Herisau

Telephone no. 0041 (0)71 353 58 58

E-mail address of sdb@haenseler.ch

person responsible
for this SDS

1.4. Emergency telephone number

Switzerland :145 / Abroad +41 (0)44 251 51 51

2. Hazards identification

2.1. Classification of the substance or mixture

Classification (Regulation (EC) No. 1272/2008)

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Acute Tox. 4 H332

Carc. 2 H351

Classification in accordance with EC directives

Classification Xn, R40-R20

2.2. Label elements

Labelling according to regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Warning

Hazard statements

H332 Harmful if inhaled.

H351 Suspected of causing cancer.

Precautionary statements

P202 Do not handle until all safety precautions have been read and understood.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P271 Use only outdoors or in a well-ventilated area.

P281 Use personal protective equipment as required.

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P308+P313 IF exposed or concerned: Get medicinal advice/attention.

Labelling in accordance with EC directives 1999/45/EC and 67/548/EEC

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The product does not require a hazard warning label in accordance with EC directives/the relevant national laws.

Hazard symbols

Harmful

R phrases

40 Limited evidence of a carcinogenic effect.
20 Harmful by inhalation.

S phrases

22 Do not breathe dust.

Hazardous component(s) to be indicated on label

contains Cristobalite;Quartz

3. Composition/information on ingredients**Substance / product identification**

CAS-Nr. 68855-54-9

Hazardous ingredients**Cristobalite**

CAS No.	14464-46-1		
EINECS no.	238-455-4		
Concentration	<	50	%

Quartz

CAS No.	14808-60-7		
EINECS no.	238-878-4		
Concentration	<	4	

4. First aid measures**4.1. Description of first aid measures****After inhalation**

Ensure supply of fresh air. Rinse mouth thoroughly with water. When dust is intensively inhaled, seek medical help immediately.

After skin contact

Wash off immediately with soap and water and rinse well.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). In case of irritation consult an oculist.

After ingestion

Rinse out mouth and give plenty of water to drink.

5. Firefighting measures**5.1. Extinguishing media**

Suitable extinguishing media

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Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas.

6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Avoid dust formation.

6.2. Environmental precautions

No special measures required.

6.3. Methods and material for containment and cleaning up

Suitable industrial vacuum cleaners or central exhaust ventilation equipment must be used for taking up dust (with a suitable filter to prevent particles blowing back into the atmosphere e.g. Type H(BS5415)).
Avoid raising dust.

7. Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Provide good ventilation of working area (local exhaust ventilation if necessary). Do not inhale dust.

Advice on protection against fire and explosion

Avoid deposition of dust.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed in a well-ventilated place.

Hints on storage assembly

Not required.

8. Exposure controls/personal protection

8.1. Control parameters

Exposure limit values

Cristobalite

List	SUVA	
Type	MAK	
Value	0,15	mg/m ³
Pregnancy group: C; Status: 2012		

Quartz

List	SUVA	
Type	MAK	
Value	0,15	mg/m ³
Pregnancy group: C; Status: 2012		

8.2. Exposure controls

Exposure controls

See chapter 7. No measures exceeding the ones mentioned are necessary.

General protective and hygiene measures

Wash contaminated clothing before reuse. Remove contaminated, soaked clothing immediately and dispose of safely.

Respiratory protection

necessary; Particle filter half mask, filter P3 - Norm NF EN 149

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Hand protection

Reference substance Quartz

Eye protection

Safety glasses with side protection shield

Body protection

Protective clothing

9. Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Form	Fine powder
Colour	clear cream to white
Odour	odourless
pH	
Remarks	not determined
Melting point	
Remarks	not determined
Sublimation point	
Remarks	Not applicable
Boiling point	
Remarks	Not applicable
Flash point	
Remarks	Not applicable
Explosion limits	
Remarks	Not applicable
Vapour pressure	
Remarks	Not applicable
Density	
Value	2.3 g/cm ³
Solubility in water	
Temperature	20 °C
Remarks	slightly soluble
Ignition temperature	
Remarks	non flammable

10. Stability and reactivity**10.4. Conditions to avoid**

No decomposition if stored and applied as directed.

10.5. Incompatible materials

hydrogen fluoride

10.6. Hazardous decomposition products

Hydrogen fluoride

11. Toxicological information**11.1. Information on toxicological effects**

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Acute oral toxicity

Remarks No data available.

Acute inhalational toxicity

Remarks Harmful by inhalation.

Remarks May cause cancer.

Serious eye damage/irritation

Remarks slightly irritating (Eye)

Carcinogenicity

Reference substance Cristobalite

Remarks Can cause cancer in inhalation form.

Experience in practice

Can cause silicosis.

12. Ecological information**12.6. Other adverse effects****General information / ecology**

In general not water hazardous.

13. Disposal considerations**13.1. Waste treatment methods****Disposal recommendations for the product**

Disposal in compliance with local and national regulations.

Disposal recommendations for packaging

Disposal in compliance with local and national regulations.

14. Transport information**Land transport ADR/RID**

Non-dangerous goods

Marine transport IMDG/GGVSee

The product does not constitute a hazardous substance in sea transport.

Air transport ICAO/IATA

The product does not constitute a hazardous substance in air transport.

15. Regulatory information**16. Other information****Supplemental information**

Relevant changes compared with the previous version of the safety data sheet are marked with: ***
This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.