SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier
Carbon Fabric with Powder and Fleece

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the substance or mixture:
See definition of the substance or mixture.

Industrial use

Uses advised against:
No information available at present.

1.3 Details of the supplier of the safety data sheet

SAERTEX GmbH & Co. KG, Brochterbecker Damm 52, 48369 Saerbeck, Germany
Phone:+49 (0) 2574 902 0, Fax:+49 (0) 2574 902 9
info@saertex.com, www.saertex.com

Qualified person's e-mail address: info@chemical-check.de, k.schnurbusch@chemical-check.de Please DO NOT use for requesting Safety Data Sheets.

1.4 Emergency telephone number

Emergency information services / official advisory body:
---

Telephone number of the company in case of emergencies:
+49 (0) 700 / 24 112 112 (SAR)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) 1272/2008 (CLP)
Not applicable

2.2 Label elements

Labeling according to Regulation (EC) 1272/2008 (CLP)
This is an article.
Not applicable

2.3 Other hazards
The mixture does not contain any vPvB substance (vPvB = very persistent, very bioaccumulative) or is not included under XIII of the regulation (EC) 1907/2006 (< 0,1 %).
The mixture does not contain any PBT substance (PBT = persistent, bioaccumulative, toxic) or is not included under XIII of the regulation (EC) 1907/2006 (< 0,1 %).

SECTION 3: Composition/information on ingredients
### 3.1 Substance  
**n.a.**  

### 3.2 Mixture

<table>
<thead>
<tr>
<th>Registration number (REACH)</th>
<th>---</th>
</tr>
</thead>
<tbody>
<tr>
<td>Index</td>
<td>---</td>
</tr>
<tr>
<td>EINECS, ELINCS, NLP</td>
<td>---</td>
</tr>
<tr>
<td>CAS</td>
<td>---</td>
</tr>
<tr>
<td>content %</td>
<td>---</td>
</tr>
</tbody>
</table>

### Classification according to Regulation (EC) 1272/2008 (CLP)

#### SECTION 4: First aid measures

4.1 **Description of first aid measures**

First-aiders should ensure they are protected!  
Never pour anything into the mouth of an unconscious person!  

**Inhalation**

Supply person with fresh air.

**Skin contact**

Remove polluted, soaked clothing immediately, wash thoroughly with plenty of water and soap, in case of irritation of the skin (flare), consult a doctor.

**Eye contact**

Remove contact lenses.  
Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

**Ingestion**

Typically no exposure pathway.

4.2 **Most important symptoms and effects, both acute and delayed**

If applicable delayed symptoms and effects can be found in section 11 and the absorption route in section 4.1.  
In certain cases, the symptoms of poisoning may only appear after an extended period / after several hours.

4.3 **Indication of any immediate medical attention and special treatment needed**

Symptomatic treatment.

#### SECTION 5: Firefighting measures

5.1 **Extinguishing media**

- **Suitable extinguishing media**
  
  Adapt to the nature and extent of fire.  
  Water jet spray/foam/CO2/dry extinguisher

- **Unsuitable extinguishing media**
  
  None known

5.2 **Special hazards arising from the substance or mixture**

In case of fire the following can develop:

- Oxides of carbon
- Toxic gases

5.3 **Advice for firefighters**

In case of fire and/or explosion do not breathe fumes.  
Protective respirator with independent air supply.  
Dispose of contaminated extinction water according to official regulations.

#### SECTION 6: Accidental release measures

6.1 **Personal precautions, protective equipment and emergency procedures**
6.2 Environmental precautions
Avoid contact with eyes or skin.

6.3 Methods and material for containment and cleaning up
Prevent from entering drainage system.
Pick up mechanically and dispose of according to Section 13.

6.4 Reference to other sections
For personal protective equipment see Section 8 and for disposal instructions see Section 13.

SECTION 7: Handling and storage

In addition to information given in this section, relevant information can also be found in Section 8 and 6.1.

7.1 Precautions for safe handling

7.1.1 General recommendations
Avoid contact with eyes.
Avoid long lasting or intensive contact with skin.
Take measures against electrostatic charging, if appropriate.
Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.
Observe directions on label and instructions for use.

7.1.2 Notes on general hygiene measures at the workplace
General hygiene measures for the handling of chemicals are applicable.
Wash hands before breaks and at end of work.
Keep away from food, drink and animal feedingstuffs.
Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

7.2 Conditions for safe storage, including any incompatibilities
Not to be stored in gangways or stair wells.
Store product closed and only in original packing.
Protect from direct sunlight.
Store at room temperature.
Store in a dry place.

7.3 Specific end use(s)
No information available at present.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

---

8.2 Exposure controls

8.2.1 Appropriate engineering controls
Ensure good ventilation. This can be achieved by local suction or general air extraction.
If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn.
Applies only if maximum permissible exposure values are listed here.

8.2.2 Individual protection measures, such as personal protective equipment
General hygiene measures for the handling of chemicals are applicable.
Wash hands before breaks and at end of work.
Keep away from food, drink and animal feedingstuffs.
Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

Eye/face protection:
Normally not necessary.
With danger of contact with eyes.
Carbon Fabric with Powder and Fleece

Tight fitting protective goggles with side protection (EN 166).

Skin protection - Hand protection:
Normally not necessary.
If applicable
Nitrile-soaked cotton gloves with CE sign EN 374)
Leather gloves

Skin protection - Other:
Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments).

Respiratory protection:
Normally not necessary.

Thermal protection:
Not necessary.

Additional information on hand protection - No tests have been performed.

In the case of mixtures, the selection has been made according to the knowledge available and the information about the contents.
Selection of materials derived from glove manufacturer's indications.
Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account.
Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.
In the case of mixtures, the resistance of glove materials cannot be predicted and must therefore be tested before use.
The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

**8.2.3 Environmental exposure controls**
No information available at present.

<table>
<thead>
<tr>
<th>SECTION 9: Physical and chemical properties</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>9.1 Information on basic physical and chemical properties</strong></td>
</tr>
<tr>
<td>Physical state: Solid</td>
</tr>
<tr>
<td>Colour: According to specification</td>
</tr>
<tr>
<td>Odour: Characteristic</td>
</tr>
<tr>
<td>Odour threshold: Not determined</td>
</tr>
<tr>
<td>Melting point/freezing point: Not determined</td>
</tr>
<tr>
<td>Initial boiling point and boiling range: Not determined</td>
</tr>
<tr>
<td>Flash point: n.a.</td>
</tr>
<tr>
<td>Evaporation rate: Not determined</td>
</tr>
<tr>
<td>Flammability (solid, gas): Not determined</td>
</tr>
<tr>
<td>Lower explosive limit: n.a.</td>
</tr>
<tr>
<td>Upper explosive limit: n.a.</td>
</tr>
<tr>
<td>Vapour pressure: n.a.</td>
</tr>
<tr>
<td>Vapour density (air = 1): n.a.</td>
</tr>
<tr>
<td>Density: Not determined</td>
</tr>
<tr>
<td>Bulk density: Not determined</td>
</tr>
<tr>
<td>Solubility(ies): Not determined</td>
</tr>
<tr>
<td>Water solubility: Insoluble</td>
</tr>
<tr>
<td>Partition coefficient (n-octanol/water): Not determined</td>
</tr>
<tr>
<td>Auto-ignition temperature: Not determined</td>
</tr>
<tr>
<td>Decomposition temperature: Not determined</td>
</tr>
<tr>
<td>Viscosity: n.a.</td>
</tr>
<tr>
<td>Explosive properties: Product is not explosive.</td>
</tr>
<tr>
<td>Oxidising properties: No</td>
</tr>
</tbody>
</table>

| **9.2 Other information** |
| Miscibility: Not determined |
SECTION 10: Stability and reactivity

10.1 Reactivity
Not to be expected

10.2 Chemical stability
Stable with proper storage and handling.

10.3 Possibility of hazardous reactions
No dangerous reactions are known.

10.4 Conditions to avoid
None known

10.5 Incompatible materials
None known

10.6 Hazardous decomposition products
No decomposition when used as directed.

SECTION 11: Toxicological information

11.1 Information on toxicological effects
Possibly more information on health effects, see Section 2.1 (classification).

<table>
<thead>
<tr>
<th>Carbon Fabric with Powder and Fleece</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Toxicity / effect</strong></td>
</tr>
<tr>
<td>Acute toxicity, by dermal route:</td>
</tr>
<tr>
<td>Acute toxicity, by inhalation:</td>
</tr>
<tr>
<td>Skin corrosion/irritation:</td>
</tr>
<tr>
<td>Serious eye damage/irritation:</td>
</tr>
<tr>
<td>Respiratory or skin sensitisation:</td>
</tr>
<tr>
<td>Germ cell mutagenicity:</td>
</tr>
<tr>
<td>Carcinogenicity:</td>
</tr>
<tr>
<td>Reproductive toxicity:</td>
</tr>
<tr>
<td>Aspiration hazard:</td>
</tr>
<tr>
<td>Symptoms:</td>
</tr>
</tbody>
</table>

SECTION 12: Ecological information

Possibly more information on environmental effects, see Section 2.1 (classification).

<table>
<thead>
<tr>
<th>Carbon Fabric with Powder and Fleece</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Toxicity / effect</strong></td>
</tr>
</tbody>
</table>
12.5. Results of PBT and vPvB assessment: n.d.a.
12.6. Other adverse effects: n.d.a.

SECTION 13: Disposal considerations

13.1 Waste treatment methods
For the substance / mixture / residual amounts
EC disposal code no.:
The waste codes are recommendations based on the scheduled use of this product. Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2014/955/EU)
16 03 06 organic wastes other than those mentioned in 16 03 05
Recommendation:
Sewage disposal shall be discouraged.
Pay attention to local and national official regulations.
Implement substance recycling.

For contaminated packing material
Pay attention to local and national official regulations.
Cleaned packaging:
Recycling

SECTION 14: Transport information

General statements
14.1. UN number: n.a.
14.2. UN proper shipping name: n.a.
14.3. Transport hazard class(es): n.a.
14.4. Packing group: n.a.
14.5. Environmental hazards: Not applicable
14.6. Special precautions for user
14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code
Non-dangerous material according to Transport Regulations.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

Observe restrictions:
General hygiene measures for the handling of chemicals are applicable.

Directive 2010/75/EU (VOC): 0 %

15.2 Chemical safety assessment
A chemical safety assessment is not provided for mixtures.

SECTION 16: Other information

Revised sections: n.a.

Classification and processes used to derive the classification of the mixture in accordance with the ordinance (EG) 1272/2008 (CLP):
Not applicable

The following phrases represent the posted Hazard Class and Risk Category Code (GHS/CLP) of the product and the constituents (specified in Section 2 and 3).

Any abbreviations and acronyms used in this document:

AC Article Categories
acc., acc. to according, according to
ACGIHAmerican Conference of Governmental Industrial Hygienists
ADR Accord européen relatif au transport international des marchandises Dangereuses par Route (= European Agreement concerning the International Carriage of Dangerous Goods by Road)
AOEL Acceptable Operator Exposure Level
AOX Adsorbable organic halogen compounds
approx. approximately
Art., Art. no. Article number
ATE Acute Toxicity Estimate according to Regulation (EC) 1272/2008 (CLP)
BAM Bundesanstalt für Materialforschung und -prüfung (Federal Institute for Materials Research and Testing, Germany)
BauA Bundesanstalt für Arbeitsschutz und Arbeitsmedizin (= Federal Institute for Occupational Health and Safety, Germany)
BCF Bioconcentration factor
BGV Berufsgenossenschaftliche Vorschrift (= Accident Prevention Regulation)
BHT Butylhydroxytoluol (= 2,6-Di-t-butyl-4-methyl-phenol)
BMGV Biological monitoring guidance value (EH40, UK)
BOD Biochemical oxygen demand
BSEF Bromine Science and Environmental Forum
bw body weight
CAS Chemical Abstracts Service
CEC Coordinating European Council for the Development of Performance Tests for Fuels, Lubricants and Other Fluids
CESIO Comité Européen des Agents de Surface et de leurs Intermédiaires Organiques
CIPAC Collaborative International Pesticides Analytical Council
CLP Classification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures)
CMR carcinogenic, mutagenic, reproductive toxic
COD Chemical oxygen demand
CTFA Cosmetic, Toiletry, and Fragrance Association
DMEL Derived Minimum Effect Level
DNEL Derived No Effect Level
DOC Dissolved organic carbon
dw dry weight
e.g. for example (abbreviation of Latin 'exempli gratia'), for instance
EC European Community
ECHA European Chemicals Agency
EEA European Economic Area
ECONC EEA European Economic Community
EN Environmental Norms
EPA United States Environmental Protection Agency (United States of America)
EINECS European Inventory of Existing Commercial Chemical Substances
ELINCS European List of Notified Chemical Substances
EC European Community
EINEE European Institute for Heavy Metals
EWA European Waste Catalogue
Fax. Fax number
gen. general
GHS Globally Harmonized System of Classification and Labelling of Chemicals
GWP Global warming potential
HET-CAM Hen's Egg Test - Chorionallantoic Membrane
HGWP Halocarbon Global Warming Potential
IARC International Agency for Research on Cancer
IATA International Air Transport Association
IBC Intermediate Bulk Container
IBC (Code) International Bulk Container (Code)
IC Inhibitory concentration
IMDG-code International Maritime Code for Dangerous Goods
inc. including, inclusive
IUCLID International Uniform Chemical Information Database
LC lethal concentration
LC50 lethal concentration 50 percent kill
LCLo lowest published lethal concentration
LD Lethal Dose of a chemical
LD50 Lethal Dose, 50% kill
LDLo Lethal Dose Low
LOAEL Lowest Observed Adverse Effect Level
LOEC Lowest Observed Effect Concentration
LOEL Lowest Observed Effect Level
LQ Limited Quantities
MARPOL International Convention for the Prevention of Marine Pollution from Ships
n.a. not applicable
n.av. not available
n.c. not checked
n.d.a. no data available
NIOSH National Institute of Occupational Safety and Health (United States of America)
NOAEC No Observed Adverse Effective Concentration
NOAEL No Observed Adverse Effect Level
NOEC No Observed Effect Concentration
NOEL No Observed Effect Level
ODP Ozone Depletion Potential
OECD Organisation for Economic Co-operation and Development
org. organic
PAH polycyclic aromatic hydrocarbon
The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge.
No responsibility.

These statements were made by:
Chemical Check GmbH, Chemical Check Platz 1-7, D-32839 Steinheim, Tel.: +49 5233 94 17 0, Fax: +49 5233 94 17 90
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