

## Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 24.02.2025

Version 2

Revision: 15.10.2024

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

#### 1.1 Product identifier

**Trade name:** INSEBO SilcTec HT 73 (black)

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

**Application of the substance / mixture** Spacings sealant

#### 1.3 Details of the supplier of the safety data sheet

##### **Manufacturer/Supplier:**

WS INSEBO GmbH

Industriestraße 24, A-2325 Himberg bei Wien

Tel.: +43 (0) 2235/86227-0

e-mail: office@insebo.com

#### 1.4 Emergency telephone number

Call local emergency information.

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008**

The product is not classified, according to the CLP regulation.

#### 2.2 Label elements

**Labelling according to Regulation (EC) No 1272/2008** void

**Hazard pictograms** void

**Signal word** void

**Hazard statements** void

#### **Precautionary statements**

P102 Keep out of reach of children.

#### 2.3 Other hazards

##### **Results of PBT and vPvB assessment**

This mixture does not meet the PBT- or vPvB-criteria according to Regulation (EC) No 1907/2006.

##### **Determination of endocrine-disrupting properties**

The product contains no components considered to have endocrine disrupting properties according to REACH Article 57(f), Regulation (EU) 2017/2100 or Regulation (EU) 2018/605 at levels of 0.1% or higher.

### SECTION 3: Composition/information on ingredients

#### 3.2 Mixture

**Description:** Mixture of substances listed below with non-hazardous additions.

##### **Dangerous components:**

|  |   |           |
|--|---|-----------|
| CAS: 1317-61-9<br>EINECS: 215-277-5<br>Reg.No.: 01-2119457646-28   | triiron tetraoxide<br>substance with a Community workplace exposure limit                     | 2.5 - 10% |
| EC number: 934-956-3<br>Reg.No.: 01-2119827000-58                  | hydrocarbons, C15-C20, n-alkanes, isoalkanes, cyclics, < 0.03% aromatics<br>Asp. Tox. 1, H304 | 2.5 - 10% |
| CAS: 112945-52-5<br>EINECS: 231-545-4<br>Reg.No.: 01-2119379499-16 | silica, amorphous, fumed<br>substance with a Community workplace exposure limit               | 2.5 - 10% |

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CAS: 17689-77-9

EINECS: 241-677-4

Reg.No.: 01-2119881778-15

triacetoxyethylsilane

Skin Corr. 1B, H314; Acute Tox. 4, H302

&lt; 5%

**Additional information:** For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

#### 4.1 Description of first aid measures

**General information:** In case of accident or if you feel unwell seek medical advice (show label where possible).

**After inhalation:** Supply fresh air; consult doctor in case of complaints.

**After skin contact:**

Remove contaminated clothes. Rinse skin thoroughly with water and soap. In case of irritation seek medical treatment.

**After eye contact:**

Rinse opened eye for several minutes under running water. Get medical advice if irritation persists.

**After swallowing:** Rinse out mouth with plenty of water. If symptoms of indisposition persist, seek medical advice.

**4.2 Most important symptoms and effects, both acute and delayed** No further relevant information available.

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

### SECTION 5: Firefighting measures

#### 5.1 Extinguishing media

**Suitable extinguishing agents:**

No special measures are required, use fire extinguishing methods suitable to surrounding conditions.

**For safety reasons unsuitable extinguishing agents:** Water with full jet.

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

Formation of harmful gases (e.g. carbon oxides, COx) is possible during heating or in case of fire.

#### 5.3 Advice for firefighters

**Protective equipment:** Use protective equipment suitable to the situation.

**Additional information** Contain runoff to prevent entry into water or drainage systems.

### SECTION 6: Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

Ensure adequate ventilation.

Particular danger of slipping on leaked/spilled product.

#### 6.2 Environmental precautions:

Do not allow to enter sewers, surface or ground water.

Contain the spilled material by bunding.

#### 6.3 Methods and material for containment and cleaning up:

Absorb with liquid-binding material (sand, diatomite, acid or universal binders, sawdust).

Allow to solidify and remove mechanically.

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#### 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Avoid eye and skin contact with the product.

Provide good ventilation/exhaustion at the workplace.

Wash hands before break and at the end of work.

**Information about fire - and explosion protection:** No further relevant information available.

### 7.2 Conditions for safe storage, including any incompatibilities

#### Requirements to be met by storerooms and receptacles:

Store in tightly closed original packaging in a dry, cool place.

Protect from moisture.

#### Information about storage in one common storage facility:

Do not store food, beverages and animal feeding stuff in the storage area.

#### Further information about storage conditions:

Keep out of the reach of children and domestic animals.

Keep container tightly sealed.

### 7.3 Specific end use(s) Sealant

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Ingredients with limit values that require monitoring at the workplace:

**CAS: 1317-61-9 triiron tetraoxide**

|               |                      |
|---------------|----------------------|
| MAK (Germany) | einatembare Fraktion |
|---------------|----------------------|

**CAS: 112945-52-5 silica, amorphous, fumed**

|               |  |
|---------------|--|
| MAK (Austria) | Long-term value: 4 E mg/m <sup>3</sup> ; (resp. CAS 7631-86-9) |
|---------------|--|

|               |   |
|---------------|---|
| MAK (Germany) | Long-term value: 0.02A mg/m <sup>3</sup> ; vgl. Abschn. V |
|---------------|---|

#### Regulatory information

MAK (Austria): GKV 2020, 156. Verordnung, 09.04.2021, Teil II

MAK (Germany): MAK- und BAT-Liste

### 8.2 Exposure controls

**Appropriate engineering controls** Provide adequate ventilation.

#### Individual protection measures, such as personal protective equipment

##### General protective and hygienic measures:

Avoid unnecessary contact with the product. Do not eat, drink or smoke at workplace.

Remove contaminated clothing and wash carefully before reuse.

Wash hands before break and at the end of work.

**Respiratory protection:** Not required if room is well-ventilated.

**Hand protection** Protective gloves recommended.

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**Material of gloves**

Due to missing tests no recommendation to the glove material can be given for the product.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

**Penetration time of glove material**

The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye/face protection** Safety goggles recommended.

**Body protection** Not required if handled properly.

**Environmental exposure controls** Do not allow to enter sewers/surface or ground water.

### SECTION 9: Physical and chemical properties

**9.1 Information on basic physical and chemical properties**

|  |                                   |
|--|-----------------------------------|
| <b>Form:</b>   | Pasty                             |
| <b>Colour:</b>   | Black                             |
| <b>Odour:</b>  | Characteristic                    |
| <b>Melting point/freezing point:</b>                             | No data available                 |
| <b>Boiling point or initial boiling point and boiling range:</b> | No data available                 |
| <b>Flammability:</b>   | Not applicable.                   |
| <b>Lower and upper explosion limit:</b>                          | No data available.                |
| <b>Flash point:</b>  | No data available                 |
| <b>Auto-ignition temperature:</b>                                | No data available.                |
| <b>Decomposition temperature:</b>                                | Not determined.                   |
| <b>pH:</b>   | Not determined.                   |
| <b>Viscosity</b>   |                                   |
| dynamic:   | > 50 Pas                          |
| <b>Solubility</b>  |                                   |
| water:   | Not miscible or difficult to mix. |
| <b>Partition coefficient, n-octanol/water:</b>                   | No data available.                |
| <b>Vapour pressure:</b>  | Not determined.                   |
| <b>Vapour density:</b>   | Not determined.                   |
| <b>Density:</b>  | ≈ 1 g/cm <sup>3</sup>             |
| <b>Relative gas density</b>                                      | No data available.                |

**9.2 Other information**

|                              |   |
|------------------------------|---|
| <b>Explosive properties:</b> | Product does not present an explosion hazard. |
| <b>Oxidising properties:</b> | No data available.                            |

**Information with regard to physical hazard classes** Not relevant.

### SECTION 10: Stability and reactivity

**10.1 Reactivity** No further relevant information available.

**10.2 Chemical stability** Stable under recommended storage conditions.

**10.3 Possibility of hazardous reactions** No hazardous reactions known if used according to specifications.

**10.4 Conditions to avoid** Moisture, extreme temperatures and direct sun exposure.

**10.5 Incompatible materials** No further relevant information available.

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**Trade name: INSEBO SilcTec HT 73 (black)****10.6 Hazardous decomposition products** None under normal conditions of storage and use.

### SECTION 11: Toxicological information

**11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008****Acute toxicity** Based on available data, the classification criteria are not met.**LD/LC50 values relevant for classification:** There are no product specific data on toxicology available.**Skin corrosion/irritation** Based on available data, the classification criteria are not met.**Serious eye damage/irritation** Based on available data, the classification criteria are not met.**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.**Germ cell mutagenicity** Based on available data, the classification criteria are not met.**Carcinogenicity** Based on available data, the classification criteria are not met.**Reproductive toxicity** Based on available data, the classification criteria are not met.**STOT-single exposure** Based on available data, the classification criteria are not met.**STOT-repeated exposure** Based on available data, the classification criteria are not met.**Aspiration hazard** Based on available data, the classification criteria are not met.**11.2 Information on other hazards****Endocrine disrupting properties** None of the ingredients is listed.

### SECTION 12: Ecological information

**12.1 Toxicity****Aquatic toxicity:** Based on available data, the classification criteria are not met.**12.2 Persistence and degradability** No further relevant information available.**12.3 Bioaccumulative potential** No further relevant information available.**12.4 Mobility in soil** No further relevant information available.**12.5 Results of PBT and vPvB assessment** Not applicable.**12.6 Endocrine disrupting properties** For information on endocrine disrupting properties see section 11.**12.7 Other adverse effects** No further relevant information available.

### SECTION 13: Disposal considerations

**13.1 Waste treatment methods****Recommendation**

Do not dispose waste or remains together with domestic waste, do not empty into sink or toilet, hand over to hazardous waste disposers.

Small quantities of cured residue can be disposed of along with domestic waste according to local regulations.

**European waste catalogue**

08 04 09: waste adhesives and sealants containing organic solvents or other dangerous substances

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**Uncleaned packaging**
**Recommendation:**

Cartridges/buckets/pouches should be emptied completely and should preferably be recycled or reused in compliance with the local/national regulations. Cartridges/buckets/pouches not emptied appropriately or remains have to be disposed of like the product.

### SECTION 14: Transport information

**14.1 UN number or ID number**

ADR, IMDG, IATA

void

**14.2 UN proper shipping name**

ADR, IMDG, IATA

void

**14.3 Transport hazard class(es)**

ADR, IMDG, IATA

Class

void

**14.4 Packing group**

ADR, IMDG, IATA

void

**14.5 Environmental hazards:**

not applicable

**14.6 Special precautions for user**

not required

**14.7 Maritime transport in bulk according to IMO**

instruments

not applicable

**UN "Model Regulation":**

void

### SECTION 15: Regulatory information

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

Seveso category Not applicable.

Classification according to VbF: Void

Water hazard class: Water hazard class (German Regulation) 1 (self-assessment): slightly hazardous for water.

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Relevant phrases**

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H314 Causes severe skin burns and eye damage.

**Further information:**

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) No 1272/2008: Bridging principle "Substantially similar mixtures".

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**Date of previous version:** 02.02.2024

**Abbreviations and acronyms:**

CLP: REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures

CAS: Chemical Abstracts Service (division of the American Chemical Society)

EC-Number: European Community number

EINECS: European Inventory of Existing Commercial Chemical Substances

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

MAK: maximum concentration of a chemical substance in the workplace

PBT: persistent, bioaccumulative and toxic properties

vPvB: very persistent and very bioaccumulative properties

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

VbF: Ordinance on the storage of combustible liquids, Austria

REACH: REGULATION (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals

Acute Tox. 4: Acute toxicity – Category 4

Skin Corr. 1B: Skin corrosion/irritation – Category 1B

Asp. Tox. 1: Aspiration hazard – Category 1

**Sources:** Safety data sheets of the components

**Data compared to the previous version altered:** Section 1,3,9,13,15,16