

**Safety data sheet**  
according to Regulation (EC) No 1907/2006, Article 31

Printing date 13.01.2025

Version 2

Revision: 17.09.2024

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

**1.1 Product identifier**

**Trade name:** INSEBO SilcTec Fenster AX 11 (all colours)

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

**Application of the substance / mixture** 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

**Additional information:**

EUH208 Contains 3-aminopropyltriethoxysilane. May produce an allergic reaction.

**2.3 Other hazards** Product hydrolyses, producing ethanol (CAS no. 64-17-5). Ethanol is highly flammable.

**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.

<b>Dangerous components:</b>		
CAS: 128446-60-6	3-aminopropyl(methyl)silsesquioxanes, ethoxy-terminated Flam. Liq. 3, H226; Eye Dam. 1, H318; Skin Irrit. 2, H315	< 3%
CAS: 919-30-2 EINECS: 213-048-4 Index number: 612-108-00-0 Reg.No.: 01-2119480479-24	3-aminopropyltriethoxysilane Skin Corr. 1B, H314; Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Sens. 1B, H317	< 1%
CAS: 13463-67-7 EINECS: 236-675-5 Reg.No.: 01-2119489379-17	titanium dioxide [ $>10 \mu\text{m}$ ] substance with a Community workplace exposure limit	< 1%

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For the wording of the listed hazard phrases refer to section 16.

Titanium dioxide (CAS 13463-67-7): not subject to the labelling requirements of Regulation (EU) 2020/217 (14th ATP of CLP).

**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:** Give several small portions of water to drink. Do not induce vomiting.**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:**

Water spray or mist, extinguishing powder, alcohol-resistant foam, carbon dioxide, sand.

**For safety reasons unsuitable extinguishing agents:** Water with full jet.**5.2 Special hazards arising from the substance or mixture**

Formation of hazardous gases/vapours is possible during heating or in case of fire.

Exposure to decomposition products may be harmful to health.

**5.3 Advice for firefighters****Protective equipment:**

Do not inhale explosion gases or combustion gases.

In case of fire wear self-contained respiratory equipment.

**Additional information**

Keep unprotected persons away.

Cool endangered receptacles with water spray. Contain runoff to prevent entry into water or drainage systems.

Dispose of fire debris and contaminated firefighting water according to the regulations.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures**

Please notice instructions for person-related safety precautions, wear protective equipment (see 8.)

Keep unprotected persons away. Ensure adequate ventilation.

Particular danger of slipping on leaked/spilled product.

Exhaust vapours. Eliminate all sources of ignition.

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**6.2 Environmental precautions:**

Do not allow to enter sewers, surface or ground water.  
Advise water authority in case of seepage into water course or sewage system.

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

Scoop up large quantities after dusting surfaces with sand or Fuller's earth to prevent sticking. Sweep or scrape up the spilled material and place in an appropriate chemical waste container. Clean any slippery coating that remains using a detergent/soap solution or another biodegradable cleaner. Apply sand or other inert granular material to improve traction.

**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:**

Keep ignition sources away - Do not smoke.  
Protect against electrostatic charges.  
Product may release ethanol. Flammable vapors may accumulate and form explosive mixtures with air in containers, process vessels, including partial, empty and uncleaned containers and vessels, or other enclosed spaces. Cool endangered containers with water.

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

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

Store in tightly closed containers in a cool, well ventilated and dry 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.  
Keep away from incompatible substances in accordance with Section 10.

**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: 13463-67-7 titanium dioxide [ $>10 \mu\text{m}$ ]**

MAK (Austria)	Short-term value: 10 A mg/m <sup>3</sup> , Long-term value: 5 A mg/m <sup>3</sup> ; (Alveolarstaub)
AGW (Germany)	Long-term value: 1.25* 10** mg/m <sup>3</sup> ; 2(II);*alveolengängig**eintembar; AGS, DFG, Y

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**CAS: 64-17-5 ethanol**

MAK (Austria)	Short-term value: 3800 mg/m <sup>3</sup> , 2000 ppm; Long-term value: 1900 mg/m <sup>3</sup> , 1000 ppm
AGW (Germany)	Long-term value: 380 mg/m <sup>3</sup> , 200 ppm; 4(II);DFG, Y

**Regulatory information**

MAK (Austria): GKV 2020, 156. Verordnung, 09.04.2021, Teil II  
AGW (Germany): TRGS 900

**8.2 Exposure controls**

**Appropriate engineering controls** Provide good ventilation or exhaust at work.

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

**General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

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:**

Use appropriate respiratory equipment if recommended occupational exposure limits are exceeded.

Suitable respiratory equipment: respirator with a full face mask (e.g. EN 136).

Recommended filter type: gas filter type ABEK (e.g. EN 14387).

**Hand protection**



Protective gloves (EN 374)

**Material of gloves**

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

Recommended: butyl rubber (thickness of the material: > 0.3 mm),

nitrile rubber (thickness of the material: > 0.1 mm)

Breakthrough time: > 480 min

**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 glasses conforming to EN166 recommended

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

**Environmental exposure controls**

Do not allow to enter sewers/ surface or ground water. Inform respective authorities in case of seepage into water course or sewage system.

**SECTION 9: Physical and chemical properties**

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

<b>Form:</b>	Pasty
<b>Colour:</b>	Transparent
<b>Odour:</b>	Characteristic
<b>Melting point/freezing point:</b>	Not applicable.
<b>Boiling point or initial boiling point and boiling range:</b>	Not applicable.

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<b>Flammability:</b>	Not applicable.
<b>Lower and upper explosion limit:</b>	No data available.
<b>Flash point:</b>	Void
<b>Auto-ignition temperature:</b>	> 400 °C
<b>Decomposition temperature:</b>	300 °C
<b>pH:</b>	Not applicable
<b>Viscosity dynamic:</b>	> 50 Pas
<b>Solubility water:</b>	Insoluble
<b>Partition coefficient, n-octanol/water:</b>	Not applicable.
<b>Vapour pressure:</b>	Not applicable.
<b>Density:</b>	1.02 g/cm <sup>3</sup>
<b>Relative gas density</b>	No data available.
<b>9.2 Other information</b>	Hydrolysis products reduce the flash point. Explosion limits for released ethanol: 3.5 - 15 % (V).
<b>Information with regard to physical hazard classes</b>	Not relevant.

### SECTION 10: Stability and reactivity

**10.1 Reactivity** Stable under recommended transport or storage conditions.

**10.2 Chemical stability** Stable under usual conditions.

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

**10.4 Conditions to avoid** Moisture, heat, open flames, and other sources of ignition.

**10.5 Incompatible materials**

Reacts with water, basic substances and acids. The reaction takes place with the formation of ethanol.

**10.6 Hazardous decomposition products**

Ethanol by hydrolysis. Formation of small amounts of formaldehyde at temperatures above about 150 °C (302 °F) through oxidation.

### 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:**

oral	LD50	> 2,000 mg/kg (rat) (conclusion by analogy)
dermal	LD50	> 2,000 mg/kg (rat) (conclusion by analogy)

**Skin corrosion/irritation** Not irritating (rabbit, conclusion by analogy)

**Serious eye damage/irritation** Not irritating (rabbit, conclusion by analogy)

**Respiratory or skin sensitisation**

Not sensitizing (guinea-pig; conclusion by analogy)

The product contains a sensitising substance. Skin contact may cause allergic reactions.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

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**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 physical properties, not likely to be an aspiration hazard.

**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**

Polymer component: biologically not degradable. Elimination by adsorption to activated sludge.

Hydrolysis product ethanol: readily degradable.

**12.3 Bioaccumulative potential** Polymer component: no adverse effects expected.

**12.4 Mobility in soil** Polymer component: insoluble in water.

**12.5 Results of PBT and vPvB assessment** Not applicable.

**12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

**12.7 Other adverse effects** None known

**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 10: waste adhesives and sealants other than those mentioned in 08 04 09

**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

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<b>14.2 UN proper shipping name</b> ADR, IMDG, IATA	void
<b>14.3 Transport hazard class(es)</b> ADR, IMDG, IATA Class	void
<b>14.4 Packing group</b> ADR, IMDG, IATA	void
<b>14.5 Environmental hazards:</b>	not applicable
<b>14.6 Special precautions for user</b>	not required
<b>14.7 Maritime transport in bulk according to IMO instruments</b>	not applicable
<b>UN "Model Regulation":</b>	void

**SECTION 15: Regulatory information**

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

**Seveso category** Not applicable.

**Substances of very high concern (SVHC) according to REACH, Article 57** Not listed.

**Regulation (EU) No 649/2012 concerning the export and import of hazardous chemicals (PIC)**  
Not applicable.

**Regulation (EU) 2019/1148:** 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**

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious 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".

**Date of previous version:** 09.06.2021

**Abbreviations and acronyms:**

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

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GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
EINECS: European Inventory of Existing Commercial Chemical Substances  
MAK: maximum concentration of a chemical substance in the workplace  
AGW: occupational exposure limit  
LD50: lethal dose, 50%  
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  
Flam. Liq. 3: Flammable liquids – Category 3  
Acute Tox. 4: Acute toxicity – Category 4  
Skin Corr. 1B: Skin corrosion/irritation – Category 1B  
Skin Irrit. 2: Skin corrosion/irritation – Category 2  
Eye Dam. 1: Serious eye damage/eye irritation – Category 1  
Skin Sens. 1B: Skin sensitisation – Category 1B

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

**Data compared to the previous version altered:** Section 1,2,3,5,6,7,8,9,10,11,12,13,15,16