

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 01.07.2021

Version 1

Revision: 09.06.2021

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

1.1 Product identifier

Trade name: INSEBO Silikon SL, all colours

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

1.3 Details of the supplier of the safety data sheet

WS INSEBO GmbH
Industriestraße 24, A-2325 Himberg bei Wien
Tel.: +43 (0) 2235/86227-0
Fax: +43 (0) 2235/86020
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.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

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

Dangerous components:

CAS: 128446-60-6	3-aminopropyl(methyl)silsesquioxanes, ethoxy-terminated Flam. Liq. 3, H226; Skin Irrit. 2, H315; Eye Irrit. 2, H319	≤ 2.5%
CAS: 919-30-2 EINECS: 213-048-4 Index number: 612-108-00-0	3-aminopropyltriethoxysilane Skin Corr. 1B, H314; Eye Dam. 1, H318; Acute Tox. 4, H302; Skin Sens. 1, H317	≤ 2.5%

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.

(Contd. on page 2)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 01.07.2021

Version 1

Revision: 09.06.2021

Trade name: INSEBO Silikon SL, all colours

(Contd. of page 1)

After skin contact:

Remove contaminated clothes. Wash affected 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 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.

5.3 Advice for firefighters

Protective equipment:

Do not inhale explosion gases or combustion gases.
In the 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 fire fighting water according to the regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Keep unprotected persons away. Ensure adequate ventilation.
Particular danger of slipping on leaked/spilled product.
Keep away from ignition sources.

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:

Absorb with liquid-binding material (sand, diatomite, acid or universal binders, sawdust).
Allow to solidify and remove mechanically.

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.

(Contd. on page 3)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 01.07.2021

Version 1

Revision: 09.06.2021

Trade name: INSEBO Silikon SL, all colours

(Contd. of page 2)

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.
Protected from moisture.

Information about storage in one common storage facility:

Do not store food, beverages and animal feeding stuffs 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: 64-17-5 ethanol

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

Regulatory information

MAK (Austria): GKV 2018, 254. Verordnung, 24.9.2018, 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 suitable respiratory protective device in case of insufficient ventilation.
Suitable respiratory equipment: respirator with a full face mask (e.g. acc. EN 136)
Recommended filter type: gas filter type ABEK (e.g. acc. EN 14387)

(Contd. on page 4)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 01.07.2021

Version 1

Revision: 09.06.2021

Trade name: INSEBO Silikon SL, all colours

(Contd. of page 3)

Hand protection Protective clothes

Material of gloves

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.
Recommended glove types: butyl rubber (thickness > 0.3 mm), nitrile rubber (thickness > 0.1 mm), breakthrough time > 480 min

Penetration time of glove material

The exact break through 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 with appropriate handling.

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

Form:	Pasty
Colour:	Transparent
Odour:	Characteristic
Odour threshold:	Not determined
Boiling point or initial boiling point and boiling range:	Not applicable
Flammability:	No data available.
Lower and upper explosion limit:	Not applicable
Flash point:	Void
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
pH:	Not applicable
Viscosity	
dynamic:	Not applicable
Solubility	
water:	Not soluble
Partition coefficient, n-octanol/water:	No data available.
Vapour pressure:	Not determined.
Evaporation rate:	No data available.
Density at 23 °C:	1.02 g/cm ³ (EN/ISO 1183)

9.2 Other information

Ignition temperature:	> 400 °C
Explosive properties:	No data available
Oxidising properties:	No data available.

Information with regard to physical hazard classes

Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void

(Contd. on page 5)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 01.07.2021

Version 1

Revision: 09.06.2021

Trade name: INSEBO Silikon SL, all colours

(Contd. of page 4)

Flammable liquids	Void
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

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 other ignition sources

10.5 Incompatible materials:

Reacts with water, basic substances and acids. Reaction causes the formation of ethanol.

10.6 Hazardous decomposition products:

None under normal conditions of storage and use.

Ethanol: 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; Buehler test/OECD 406, conclusion by analogy)

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.

(Contd. on page 6)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 01.07.2021

Version 1

Revision: 09.06.2021

Trade name: INSEBO Silikon SL, all colours

(Contd. of page 5)

Additional toxicological information:

Hydrolysis product ethanol is readily absorbed at all exposure routes. Ethanol may cause irritation of eyes and mucosa, trigger dysfunction of the central nervous system and cause nausea as well as dizziness. Chronic exposure to high amounts of ethanol may cause damage to liver and central nervous system.

11.2 Information on other hazards

Endocrine disrupting properties

None of the ingredients is listed.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability

Silicone content: biologically not degradable; separation by sedimentation.

Hydrolysis product ethanol: readily biologically degradable

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 None known

Remark: According to current knowledge adverse effects on water purification plants are not expected.

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 07 02 13: waste plastic

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

(Contd. on page 7)

Safety data sheet
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Revision: 09.06.2021

Trade name: INSEBO Silikon SL, all colours

(Contd. of page 6)

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

National regulations: -

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.
H319 Causes serious eye irritation.

Further information:

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008: Calculation method

Abbreviations and acronyms:

CLP: REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
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
WEL: workplace exposure limit
AGW: occupational exposure limit
LD50: lethal dose, 50 percent
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
Flam. Liq. 3: Flammable liquids – Category 3
Acute Tox. 4: Acute toxicity – Category 4
Skin Corr. 1B: Skin corrosion/irritation – Category 1B

(Contd. on page 8)

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 01.07.2021

Version 1

Revision: 09.06.2021

Trade name: INSEBO Silikon SL, all colours

Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Skin Sens. 1: Skin sensitisation – Category 1

(Contd. of page 7)

Data compared to the previous version altered: -