

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

Printing date 06.02.2025

Version 2

Revision: 06.02.2025

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

1.1 Product identifier

Trade name: INSEBO BuildTec Antik Kitt 80

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

Application of the substance / mixture Sealant for windows

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

Aquatic Chronic 3 H412 Harmful to aquatic life with long lasting effects.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

Hazard pictograms void

Signal word void

Hazard statements

H412 Harmful to aquatic life with long lasting effects.

Precautionary statements

P102 Keep out of reach of children.

Additional information:

EUH208 Contains trimethoxyvinylsilane, 3-aminopropyltriethoxysilane, reaction mass of pentamethyl-piperidyl sebacate, benzotriazol derivate. May produce an allergic reaction.

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.

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Dangerous components:

CAS: 68611-44-9 EINECS: 271-893-4 Reg.No.: 01-2119379499-16	hydrophobic pyrogenic silica substance with a Community workplace exposure limit	2.5 - 10%
CAS: 2768-02-7 EINECS: 220-449-8 Index number: 014-049-00-0 Reg.No.: 01-2119513215-52	trimethoxyvinylsilane Flam. Liq. 3, H226; Acute Tox. 4, H332; Skin Sens. 1B, H317	< 2.5%
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. 1, H317	< 2.5%
CAS: 1065336-91-5 EC number: 915-687-0 Reg.No.: 01-2119491304-40	reaction mass of bis(1,2,2,6,6-pentamethyl-4-piperidyl) sebacate and methyl 1,2,2,6,6-pentamethyl-4-piperidyl sebacate Repr. 2, H361f; Aquatic Acute 1, H400; Aquatic Chronic 1, H410; Skin Sens. 1A, H317	< 1%
ELINCS: 400-830-7 Index number: 607-176-00-3	benzotriazol derivate Aquatic Chronic 2, H411; Skin Sens. 1, H317	< 1%

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 media: Use extinguishing media suitable to surrounding conditions.

Unsuitable extinguishing media: 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.

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Additional information

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

Ensure adequate ventilation.

Special danger of slipping by leaking/spilling product.

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.

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) Use according to instructions.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

CAS: 68611-44-9 hydrophobic pyrogenic silica

MAK (Austria)	Long-term value: 4 E mg/m ³
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MAK (Germany) | Long-term value: 1 E mg/m³; 8(II);AGS, 2, Y

Regulatory information

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

AGW (Germany) TRGS 900

DNELs:

Trimethoxyvinylsilane (CAS 2768-02-7):

worker, long-term exposure - systemic effects, inhalation 27.6 mg/m³

worker, long-term exposure - systemic effects, dermal 3.9 mg/kg bw/day

consumer, long-term exposure - systemic effects, inhalation 6.7 mg/m³

consumer, long-term exposure - systemic effects, dermal 7.8 mg/kg bw/day

consumer, long-term exposure - systemic effects, oral 0.3 mg/kg bw/day

PNECs:

Trimethoxyvinylsilane (CAS 2768-02-7):

freshwater 0.4 mg/l, marine water 0.04 mg/l

sediment (dry weight) freshwater 1.5 mg/kg, marine water 0.15 mg/kg

soil 0.06 mg/kg, STP 6.6 mg/l, intermittent release 2.4 mg/l

[The values were derived for silanetriol (hydrolysis product)]

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.

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 Goggles recommended during refilling.

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

Form: Pasty

Colour: According to product specification

Odour: Characteristic

Melting point/freezing point: No data available

Boiling point or initial boiling point and boiling range: No data available

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Flammability:	Not applicable.
Lower and upper explosion limit:	No data available.
Flash point:	No data available
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
pH:	Not determined.
Viscosity	
dynamic:	> 50 Pas
Solubility	
water:	Not miscible or difficult to mix.
Partition coefficient, n-octanol/water:	No data available.
Vapour pressure:	No data available.
Density:	≈ 1 g/cm ³
Relative gas density	No data available.

9.2 Other information	
Explosive properties:	Product does not present an explosion hazard.
Oxidising properties:	No data available.

Information with regard to physical hazard classes	Not relevant.
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SECTION 10: Stability and reactivity

- 10.1 Reactivity** No further relevant information available.
- 10.2 Chemical stability** No hazardous reaction when handled and stored according to provisions.
- 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.
- 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.

CAS: 2768-02-7 trimethoxyvinylsilane

oral	LD50	6,899 mg/kg (rat, male) (OECD 401)
dermal	LD50	3,158 mg/kg (rabbit) (OECD 402)
inhalative	LC50/4h	16.8 mg/l (rat) (OECD 403)

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

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

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Trade name: INSEBO BuildTec Antik Kitt 80**Germ cell mutagenicity**

Based on available data, the classification criteria are not met.

Trimethoxyvinylsilane:

- negative (with and without metabolic activation; mutation assay (in vitro), bacterial cells, OECD 471, test report)
- negative (with and without metabolic activation; mutation assay (in vitro), mammalian cells, OECD 476, test report)
- positive (with and without metabolic activation; chromosome aberration assay (in vitro), mammalian cells, OECD 473, test report)
- negative (micro nucleus assay (in vivo), mouse, intraperitoneal, Cell type: erythrocytes, OECD 474, test report)

Carcinogenicity Based on available data, the classification criteria are not met.**Reproductive toxicity**

Based on available data, the classification criteria are not met.

Trimethoxyvinylsilane:

NOAEL (fertility): $\geq 1,000$ mg/kg

(Screening test, rat, oral, treatment 7 d/w, OECD 422, test report)

NOAEL (fertility): ≥ 300 mg/kg

(Two-generation study, rat, oral, treatment 7 d/w, OECD 443, test report)

Teratogenicity:

Trimethoxyvinylsilane:

NOAEL (developmental): $\geq 1,000$ mg/kg, NOAEL (maternal): 62.5 mg/kg

(Screening test, rat, oral, treatment: 7 d/w, OECD 422, test report)

NOAEC (developmental): 1.7 mg/l, NOAEC (maternal): 0.14 mg/l

(Screening test, inhalativ, treatment: day 6 - 15 of gestation, hours/day: 6, EPA OTS 798.4350, test report; Symptoms: Dams: reduced weight gain in dams. Fetus: delayed development)

NOAEL (developmental): ≥ 75 mg/kg, NOAEL (maternal): < 7.5 mg/kg

(Developmental Toxicity Study, rabbit female, oral, treatment: day 6 - 28 of gestation, OECD 414, test report)

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.

Trimethoxyvinylsilane:

NOAEC: 0.058 mg/l, LOAEC: 0.605 mg/l

(Subchronic study, rat, inhalation, 90 days, treatment: 5 d/w, hours/day: 6, OECD 413, test report; target organs: urinary bladder; Symptoms: reduced body weight gain, changed urinary parameter)

NOAEL: 62.5 mg/kg, LOAEL: 250 mg/kg

(Subacute study, rat, oral, 28 days, treatment: 7 d/w, OECD 422, test report; target organs: urinary bladder)

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:**

Harmful to aquatic life with long lasting effects.

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CAS: 2768-02-7 trimethoxyvinylsilane

LC50/96h	> 100 mg/l (zebrafish, Danio rerio) (OECD 203)
EC50/48h (static)	168.7 mg/l (water flea, Daphnia magna) (OECD 202)
ErC50/72h	> 89 mg/l (alga, Pseudokirchneriella subcapitata) (test report) > 957 mg/l (alga, Desmodesmus subspicatus) (OECD 201)
NOEC/72h	≥ 89 mg/l (alga, Pseudokirchneriella subcapitata) (test report) ≥ 957 mg/l (alga, Desmodesmus subspicatus) (OECD 201)
NOEC/21d	28.1 mg/l (water flea, Daphnia magna) (OECD 211)

12.2 Persistence and degradability

Trimethoxyvinylsilane: not readily biodegradable.
Biodegradation 51 % (28 days, test report OECD 301F)

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

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

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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) 2 (self-assessment): 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.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- H332 Harmful if inhaled.
- H361f Suspected of damaging fertility.
- H400 Very toxic to aquatic life.
- H410 Very toxic to aquatic life with long lasting effects.
- H411 Toxic to aquatic life with long lasting effects.

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: 27.03.2024

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
 AGW: occupational exposure limit
 MAK: maximum concentration of a chemical substance in the workplace
 DNEL: Derived No-Effect Level
 PNEC: Predicted No-Effect Concentration
 LC50: lethal concentration, 50%

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LD50: lethal dose, 50%
EC50: maximal effective concentration, 50%
ErC50: median effective concentration for growth rate (algae)
LOAEL: Lowest observed adverse effect level
NOAEC: No Observed Adverse Effect Concentration
NOAEL: No Observed Adverse Effect Level
NOEC: no observed effect concentration
OECD: Organisation for Economic Co-operation and Development
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
Flam. Liq. 3: Flammable liquids – Category 3
Acute Tox. 4: Acute toxicity – Category 4
Skin Corr. 1B: Skin corrosion/irritation – Category 1B
Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Skin Sens. 1: Skin sensitisation – Category 1
Skin Sens. 1A: Skin sensitisation – Category 1A
Skin Sens. 1B: Skin sensitisation – Category 1B
Repr. 2: Reproductive toxicity – Category 2
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

Sources: Safety data sheets of the components

Data compared to the previous version altered: Section 1,2,3,8,9,12,13