

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 BondTec MS-Multi 275

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

Application of the substance / mixture Assembly adhesive

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.

Additional information:

EUH208 Contains trimethoxyvinylsilane, 3-aminopropyltriethoxysilane. 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.

Dangerous components:

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: 68611-44-9 EINECS: 271-893-4 Reg.No.: 01-2119379499-16	hydrophobic pyrogenic silica substance with a Community workplace exposure limit	< 2.5%

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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	< 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%

Additional information:

Titanium dioxide (CAS 13463-67-7): based on testing, this substance is not subject to the labelling requirements of Regulation (EU) 2020/217 (14th ATP of CLP).

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.

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.

Special danger of slipping by leaking/spilling product.

6.2 Environmental precautions:

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

Contain the spilled material by bunding.

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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) Assembly adhesive

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
AGW (Germany)	Long-term value: 1 E mg/m ³ ; 8(II); AGS, 2, Y

CAS: 13463-67-7 titanium dioxide [>10 µm]

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

Regulatory information

MAK (Austria): GKV 2021, 330. Verordnung, 02.12.2024, Teil 2
 AGW (Germany): TRGS 900

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.

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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.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Form:	Pasty
Colour:	White
Odour:	Characteristic
Melting point/freezing point:	No data available
Boiling point or initial boiling point and boiling range:	No data available
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 Stable under recommended storage conditions.

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

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Trade name: INSEBO BondTec MS-Multi 275**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.**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.

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.

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Trade name: INSEBO BondTec MS-Multi 275
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

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

H226 Flammable liquid and vapour.

H302 Harmful if swallowed.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

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H318 Causes serious eye damage.
H332 Harmful if inhaled.

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: 08.01.2025

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)
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
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. 1B: Skin sensitisation – Category 1B

Sources: Safety data sheets of the components

Data compared to the previous version altered: Section 1,2,3