

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

Printing date 18.02.2025

Version 4

Revision: 17.10.2024

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

1.1 Product identifier

Trade name: INSEBO HybridTec Multiflex 33

Nanoform This mixture contains nanoforms.

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

Additional information:

EUH208 Contains 3-aminopropyltriethoxysilane, trimethoxyvinylsilane, benzotriazol derivate, reaction mass of pentamethyl-piperidyl sebacate. 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: 25322-69-4 NLP: 500-039-8	propane-1,2-diol, propoxylated substance with a Community workplace exposure limit	2.5 - 10%
CAS: 9003-29-6 NLP: 500-004-7	Butene, homopolymer (products derived from either/or But-1-ene/But-2-ene) substance with a Community workplace exposure limit	2.5 - 10%
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%

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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%
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%
CAS: 104810-48-2 ELINCS: 400-830-7 Index number: 607-176-00-3	benzotriazol derivat Aquatic Chronic 2, H411; Skin Sens. 1, H317	< 1%
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%

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 agents: 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, CO_x) 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.

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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.

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 special measures required.

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: 68611-44-9 hydrophobic pyrogenic silica

MAK (Austria) | Long-term value: 4 E mg/m³

MAK (Germany) | Long-term value: 0.02 A mg/m³; vgl. Abschn. V

CAS: 9003-29-6 Butene, homopolymer (products derived from either/or But-1-ene/But-2-ene)

MAK (Germany) | vgl. Abschn. IIb und Xc

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CAS: 25322-69-4 propane-1,2-diol, propoxylated

MAK (Germany) | vgl. Abschn. IIb und Xc

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

MAK (Austria) | Short-term value: 10 A mg/m³, Long-term value: 5 A mg/m³; (Alveolarstaub)

AGW (Germany) | Long-term value: 1.25* 10** mg/m³; 2(II);*alveolengängig**einatembar; AGS, DFG, Y

Regulatory information

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

AGW (Germany): TRGS 900

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.

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.

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Partition coefficient, n-octanol/water:	No data available.
Vapour pressure:	Not determined.
Density:	≈ 1.4 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.

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.

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.

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Trade name: INSEBO HybridTec Multiflex 33**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

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

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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.
- H314 Causes severe skin burns and eye damage.
- H317 May cause an allergic skin reaction.
- H318 Causes serious eye damage.
- 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: 29.06.2022

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
- 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
- Eye Dam. 1: Serious eye damage/eye irritation – Category 1
- Skin Sens. 1: Skin sensitisation – Category 1
- Skin Sens. 1A: Skin sensitisation – Category 1A
- 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

Sources: Safety data sheets of the components**Data compared to the previous version altered:** Section 1,2,3,5,8,9,13,15,16