

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

Printing date 16.10.2025

Version 2

Revision: 12.03.2024

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1 Product identifier****Trade name:** INSEBO GunXpert Eco B2 756**UFI:** XP2H-DK4C-A42N-1SD5**1.2 Relevant identified uses of the substance or mixture and uses advised against****Application of the substance / mixture** Polyurethane-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**

Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

Eye Irrit. 2 H319 Causes serious eye irritation.

Skin Sens. 1 H317 May cause an allergic skin reaction.

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

GHS02 GHS07

Signal word Danger**Hazard-determining components of labelling:**aromatic prepolymer polyether based
m-tolyldiene diisocyanate**Hazard statements**

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

Precautionary statements

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not pierce or burn, even after use.

P280 Wear protective gloves, eye/face protection.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P501 Dispose of contents/container in accordance with national regulations.

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2.3 Other hazards

Results of PBT and vPvB assessment

The product contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

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: 9057-91-4 EC number: 618-583-0	aromatic prepolymer polyether based ----- Eye Irrit. 2, H319; Skin Sens. 1, H317	≥60 - <80%
CAS: 115-10-6 EINECS: 204-065-8 Index number: 603-019-00-8 Reg.No.: 01-2119472128-37	dimethyl ether ----- Flam. Gas 1A, H220; Press. Gas (Comp.), H280	≥10 - <20%
CAS: 75-28-5 EINECS: 200-857-2 Index number: 601-004-00-0 Reg.No.: 01-2119485395-27	2-methylpropane ----- Flam. Gas 1A, H220; Press. Gas (Comp.), H280	≥5 - <10%
CAS: 74-98-6 EINECS: 200-827-9 Index number: 601-003-00-5 Reg.No.: 01-2119486944-21	propane ----- Flam. Gas 1A, H220; Press. Gas (Comp.), H280	≥2.5 - <5%
CAS: 6425-39-4 EINECS: 229-194-7 Reg.No.: 01-2119969278-20	2,2'-dimorpholinyl-diethyl ether ----- Eye Irrit. 2, H319	≥1 - <2.5%
CAS: 26471-62-5 EINECS: 247-722-4 Index number: 615-006-00-4 Reg.No.: 01-2119454791-34	m-tolylidene diisocyanate ----- Acute Tox. 2, H330; Resp. Sens. 1, H334; Carc. 2, H351; Skin Irrit. 2, H315; Eye Irrit. 2, H319; Skin Sens. 1, H317; STOT SE 3, H335; Aquatic Chronic 3, H412, EUH204 Specific concentration limit: Resp. Sens. 1; H334: C ≥ 0.1 %	≥0.0025 - <0.025%

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:

Take affected persons out of danger area.
Consult a physician (show safety data sheet).

After inhalation: Supply fresh air; consult doctor in case of complaints.

After skin contact: Remove contaminated clothes, wash the affected skin with water and soap.

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Trade name: INSEBO GunXpert Eco B2 756**After eye contact:**

Remove contact lenses and rinse opened eyes with plenty of water. Consult an ophthalmologist if symptoms persist.

After swallowing:

Rinse out mouth with plenty of water.

Do not induce vomiting without medical advice.

Never give anything by mouth to an unconscious person.

Do not give milk or alcoholic beverages.

4.2 Most important symptoms and effects, both acute and delayed No particular effects or hazards known.

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, alcohol resistant foam, dry powder or carbon dioxide (CO₂).

For safety reasons unsuitable extinguishing agents: Water with full jet.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products: Carbon dioxide (CO₂), carbon monoxide, nitrogen oxides (NO_x), hydrogen cyanide.

5.3 Advice for firefighters**Protective equipment:**

In case of fire wear self-contained respiratory equipment and protective suit.

Do not inhale explosion gases or combustion gases.

Additional information

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.

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, sewage system or soil.

6.3 Methods and material for containment and cleaning up:

Cover with sand or damp soil.

Allow to solidify and remove mechanically.

Remove residues using PU foam cleaner.

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.

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SECTION 7: Handling and storage

7.1 Precautions for safe handling

While handling pay attention to the usual precaution for chemicals. Comply with instructions for use.

Do not eat, drink or smoke when using this product.

Open and handle receptacle with care.

Avoid any contact with skin, eyes and clothes.

Provide good ventilation/exhaustion at the workplace.

Do not breathe gas/vapours/spray.

Wash hands before break and at the end of work.

Persons with a history of skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.

Information about fire - and explosion protection:

Keep away from heat, sparks, open flames and hot surfaces. No smoking.

Protect against electrostatic charges.

Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50 °C, i.e. electric lights.

Do not pierce or burn, even after use.

Do not spray on an open flame or glowing objects.

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, well ventilated place.

Storage regulations for pressurized gas receptacles must be observed.

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.

Protect from heat and direct sunlight.

Storage class: Storage class 2 B

7.3 Specific end use(s) Use only according to instructions.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:

CAS: 115-10-6 dimethyl ether

IOELV (EU)	Long-term value: 1920 mg/m ³ , 1000 ppm
MAK (Austria)	Short-term value: 3820 mg/m ³ , 2000 ppm; Long-term value: 1910 mg/m ³ , 1000 ppm
AGW (Germany)	Long-term value: 1900 mg/m ³ , 1000 ppm; 8(II);DFG, EU

CAS: 75-28-5 2-methylpropane

MAK (Austria)	Short-term value: 3800 mg/m ³ , 1600 ppm; Long-term value: 1900 mg/m ³ , 800 ppm
AGW (Germany)	Long-term value: 2400 mg/m ³ , 1000 ppm; 4(II);DFG

CAS: 74-98-6 propane

MAK (Austria)	Short-term value: 3600 mg/m ³ , 2000 ppm; Long-term value: 1800 mg/m ³ , 1000 ppm
AGW (Germany)	Long-term value: 1800 mg/m ³ , 1000 ppm; 4(II);DFG

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CAS: 26471-62-5 m-tolyldene diisocyanate

MAK (Austria)	Short-term value: 0.14 mg/m ³ , 0.02 ppm; Long-term value: 0.035 mg/m ³ , 0.005 ppm
MAK (Germany)	vgl. Abschn.XII

Regulatory information

IOELV (European Union): (EU) 2019/1831

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

Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below exposure limits.

Provide sufficient ventilation, particularly in closed areas.

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 and keep it tidy.

Avoid inhalation and contact with skin and eyes.

Remove contaminated clothing immediately and wash carefully before reuse.

After use, ensure thorough cleansing of the skin.

Respiratory protection:

Wear respiratory equipment (EN 14387) if ventilation is inadequate.

Filter against organic vapours (type A) and particles A1: < 1000 ppm; A2: < 5000 ppm; A3: < 10000 ppm

P1: inert substance; P2, P3: dangerous substances

For concentrations above the OEL values, wear a suitable tested respirator.

Hand protection



Chemical resistant gloves (EN 374)

Dispose of when contaminated inside, when perforated or when contamination outside cannot be removed.

Material of gloves

Suitable for short-term work or as protection against splashes: Butyl rubber/nitrile rubber (> 0.1 mm).

For intensive contact: Viton (0.4 mm), penetration time >30 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 with side shields (EN 166)

Ensure eye bath is to hand.

Body protection

Protective work clothing (e.g. safety shoes in accordance with EN 20345, long-sleeved work clothing, long trousers).

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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:	Aerosol
Colour:	Product-specific
Odour:	Ether-like
Melting point/freezing point:	No data available
Boiling point or initial boiling point and boiling range:	No data available
Flammability:	Extremely flammable.
Lower and upper explosion limit:	No data available.
Flash point:	Not applicable, as aerosol.
Auto-ignition temperature:	No data available.
Decomposition temperature:	No data available.
pH:	Not applicable
Viscosity	
kinematic:	Not applicable.
Solubility	
water:	Reacts with water.
Partition coefficient, n-octanol/water:	No data available.
Vapour pressure:	5.100 hPa
Density at 23 °C:	ca. 0.9 g/cm ³
Relative gas density	No data available.

9.2 Other information

VOC (EC): 25.6 %

Information with regard to physical hazard classes

Aerosols Extremely flammable aerosol. Pressurised container: May burst if heated.

SECTION 10: Stability and reactivity

10.1 Reactivity No dangerous reaction known under conditions of normal use.

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 Avoid heat, flames and sparks, moisture.

10.5 Incompatible materials Oxidising agents

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.

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Trade name: INSEBO GunXpert Eco B2 756

LD/LC50 values relevant for classification:

CAS: 26471-62-5 m-tolyldiene diisocyanate

inhalative	LC50/4h	0.107 mg/l (rat) (vapour)
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Skin corrosion/irritation Based on available data, the classification criteria are not met.

Serious eye damage/irritation

Causes serious eye irritation.

Respiratory or skin sensitisation May cause an allergic skin reaction.

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

The mixture does not contain 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 12: Ecological information

12.1 Toxicity

Aquatic toxicity: For the product there are no ecotoxicological data available.

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 Insoluble in water, the PU foam spreads on the water surface.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation

Do not dispose waste or remains together with domestic waste. Do not allow to enter the sewage system.

European waste catalogue

15 01 10 : Packaging containing residues of or contaminated by dangerous substances

15 01 04: metallic packaging

17 02 03: plastic

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Uncleaned packaging

Recommendation:

Cans should be emptied completely and should preferably be recycled or reused in compliance with the local / national regulations. Cans not emptied completely or remains have to be disposed as hazardous waste.

SECTION 14: Transport information

14.1 UN number or ID number
ADR, IMDG, IATA

UN1950

14.2 UN proper shipping name

ADR
IMDG
IATA

1950 AEROSOLS
AEROSOLS
AEROSOLS, flammable

14.3 Transport hazard class(es)

ADR



Class
Label
IMDG, IATA

2.5F Gases.
2.1



Class
Label

2.1 Gases.
2.1

14.4 Packing group
ADR, IMDG, IATA

void

14.5 Environmental hazards:

not applicable

14.6 Special precautions for user
Hazard identification number (Kemler code):

Warning: Gases.
-

14.7 Maritime transport in bulk according to IMO
instruments

not applicable

UN "Model Regulation":

UN 1950 AEROSOLS, 2.1

SECTION 15: Regulatory information

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

Seveso category P3a FLAMMABLE AEROSOLS

List of substances subject to authorisation (REACH, Annex XIV) Not applicable.

Restrictions according to Annex XVII of the Regulation (EC) No 1907/2006: Conditions of restriction: 75

Substances of very high concern (SVHC) according to REACH, Article 59 None of the ingredients is listed.

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Trade name: INSEBO GunXpert Eco B2 756**Regulation (EU) 2019/1021 on persistent organic pollutants (POP)** Not applicable.**Regulation (EU) No 649/2012 concerning the export and import of hazardous chemicals (PIC):**
Not applicable.**Regulation (EC) No 1005/2009 on substances that deplete the ozone layer:** Not applicable.**VOC (EC):** 25.6 %**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

H220 Extremely flammable gas.
H280 Contains gas under pressure; may explode if heated.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H319 Causes serious eye irritation.
H330 Fatal if inhaled.
H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
H335 May cause respiratory irritation.
H351 Suspected of causing cancer.
H412 Harmful to aquatic life with long lasting effects.
EUH204 Contains isocyanates. May produce an allergic reaction.

Further information:

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

H222, H229 Based on product data or assessment
H317, H319 Calculation method

Date of previous version: 11.12.2023

Abbreviations and acronyms:

UFI: Unique Formula Identifier
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
IOELV: indicative occupational exposure limit values (EU)
AGW: occupational exposure limit
MAK: maximum concentration of a chemical substance in the workplace
LC50: lethal concentration, 50%
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
REACH: REGULATION (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals
VbF: Ordinance on the storage of combustible liquids, Austria
Flam. Gas 1A: Flammable gases – Category 1A
Aerosol 1: Aerosols – Category 1
Press. Gas (Comp.): Gases under pressure – Compressed gas

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Acute Tox. 2: Acute toxicity – Category 2
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
Resp. Sens. 1: Respiratory sensitisation – Category 1
Skin Sens. 1: Skin sensitisation – Category 1
Carc. 2: Carcinogenicity – Category 2
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

Data compared to the previous version altered: Section 1,2,3,7,11,12,15,16