

IZOBIT Primer express

Prepared in accordance with Regulation (EC) No 1907/2006 (REACH),
Annex II, as amended by Commission Regulation (EU) 2020/878



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

1.1. Product identifier

Trade name: IZOBIT Primer express

UFI: U300-F0GW-J00W-G34G

Product type: mixture - bituminous solution (solvent-based bitumen primer)

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

Identified uses: single-component coating based on bitumen and an organic solvent, intended for priming substrates prior to waterproofing and for binding surface dust. The product is ready to use and cold-applied; use without dilution after stirring thoroughly. Construction works, waterproofing products, waterproofing.

Uses advised against: do not use under conditions other than those recommended.

1.3. Details of the supplier of the safety data sheet

Supplier: IZOBUD Sp. z o.o., Łąki Kozielskie, ul. Leśna 4, 47-150 Leśnica, Poland

Website: www.izobit.com.pl

Production site: Serbia

E-mail address of the person responsible for the safety data sheet: info@izobit.com.pl

1.4. Emergency telephone number

General emergency number: 112

Poison information centre: Dr Wanda Błęńska Toxicology Department, Franciszek Raszeja Municipal Hospital, ul. Mickiewicza 2, 60-834 Poznań, Poland - emergency tel.: (61) 847 69 46. Centre competent for poison control, including in Opolskie Voivodeship (supplier's registered office).

Supplier's telephone number: +48 77 461 52 87 - available on working days during business hours

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 (CLP):

- Flam. Liq. 3, H226 - Flammable liquid and vapour.
- Asp. Tox. 1, H304 - May be fatal if swallowed and enters airways.
- Skin Irrit. 2, H315 - Causes skin irritation.
- Repr. 2, H361d - Suspected of damaging the unborn child.

2.2. Label elements

Hazard pictograms:



Signal word: Danger

Hazard statements (H-statements):

- H226 - Flammable liquid and vapour.
- H304 - May be fatal if swallowed and enters Airways.
- H315 - Causes skin irritation.
- H361d - Suspected of damaging the unborn child.

Precautionary statements (P-statements):

- P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P280 - Wear protective gloves/protective clothing/eye protection /face protection.
- P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER/doctor.
- P331 - Do NOT induce vomiting.
- P332+P313 - If skin irritation occurs: Get medical advice/attention.
- P405 - Store locked up.
- P501 - Dispose of contents/container in accordance with applicable regulations.

Contains: toluene, ethylbenzene



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2.3. Other hazards

Based on the available data, the product does not contain PBT or vPvB substances at a concentration of $\geq 0.1\%$. The product does not contain substances with endocrine-disrupting properties at a concentration of $\geq 0.1\%$. Vapours may form explosive mixtures with air and may accumulate at floor level.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Name	CAS / EC / Index / REACH No.	Classification according to CLP	Concentration
xylene (mixture of isomers)	1330-20-7 / 215-535-7 / 601-022-00-9 / 01-2119488216-32	Flam. Liq. 3, H226; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315	> 30%
ethylbenzene	100-41-4 / 202-849-4 / 601-023-00-4 / 01-2119489370-35	Flam. Liq. 2, H225; Acute Tox. 4, H332; Asp. Tox. 1, H304; STOT RE 2, H373	< 10%
toluene	108-88-3 / 203-625-9 / 601-021-00-3 / 01-2119471310-51	Flam. Liq. 2, H225; Repr. 2, H361d; Asp. Tox. 1, H304; STOT RE 2, H373; Skin Irrit. 2, H315; STOT SE 3, H336; Aquatic Chronic 3, H412	5-10%
propan-2-ol	67-63-0 / 200-661-7 / 603-117-00-0 / 01-2119457558-25	Flam. Liq. 2, H225; STOT SE 3, H336; Eye Irrit. 2, H319	< 1%

For the full text of H-statements, see SECTION 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation: remove the affected person to fresh air, away from the incident site. If breathing stops, administer artificial respiration. Seek medical attention. Rescuers should use suitable protective equipment.

Skin contact: remove contaminated clothing. Rinse skin immediately under a shower. Seek medical attention.

Eye contact: remove contact lenses, if present. Immediately rinse with plenty of water for at least 10 minutes, keeping the eyelids wide open. Seek medical attention.

Ingestion: seek medical attention. Do not induce vomiting unless expressly instructed by a doctor.

4.2. Most important symptoms and effects, both acute and delayed

For detailed information on symptoms and effects, see SECTION 2 and SECTION 11.

4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable: carbon dioxide, foam, dry powder. Water spray may be used to disperse flammable vapours and protect personnel attempting to contain the leak.

Unsuitable: water jet (ineffective for extinguishing; may be used to cool containers exposed to fire).

5.2. Special hazards arising from the substance or mixture

Flammable liquid. Overpressure posing an explosion hazard may develop in containers exposed to fire. Do not inhale combustion products - carbon oxides may be formed.

5.3. Advice for firefighters

Cool containers with water spray to prevent product decomposition. Wear full protective clothing and self-contained open-circuit compressed air breathing apparatus (EN 137). Collect fire-fighting water to prevent it from entering drains.



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SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For non-emergency personnel: move to a safe place.

Emergency responders: stop the leak if this can be done without risk. Use suitable personal protective equipment (see SECTION 8).

Remove all sources of ignition and use explosion-proof equipment.

6.2. Environmental precautions

Prevent the product from entering drains, surface water or groundwater.

6.3. Methods and material for containment and cleaning up

Collect the spill into a suitable container. Absorb residues with inert absorbent material. Ensure good ventilation at the spill site. Dispose of contaminated material in accordance with SECTION 13.

6.4. Reference to other sections

See SECTIONS 1, 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Keep away from sources of heat, sparks and open flames; do not smoke. Ensure ventilation so that vapours do not accumulate at floor level. Prevent the accumulation of electrostatic charges - ensure earthing and wear antistatic footwear during transfer operations. Do not use compressed air. Open containers carefully (possible overpressure). Do not eat, drink or smoke when using this product.

7.2. Conditions for safe storage, including any incompatibilities

Store only in original, tightly closed containers in a cool, well-ventilated place, away from direct sunlight, sources of heat, open flames and sparks, and incompatible materials (see SECTION 10).

7.3. Specific end use(s)

See SECTION 1.2.

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Occupational exposure limit values (NDS/NDSch) according to the Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 (Journal of Laws 2018, item 1286, as amended):

Substance (CAS No.)	NDS [mg/m ³]	NDSch [mg/m ³]	Notes
toluene (108-88-3)	100	200	skin
xylene - mixture of isomers (1330-20-7)	100	200	skin
ethylbenzene (100-41-4)	200	400	skin

Note: the above occupational exposure limit values should be verified and, if necessary, updated according to the current regulation of the Minister of Family, Labour and Social Policy on maximum admissible concentrations and intensities of agents harmful to health in the working environment (Journal of Laws 2018, item 1286, as amended).

Skin notation - substance absorbed through the skin; dermal exposure should be taken into account. For toluene, xylene and ethylbenzene, biological limit values (DSB) also apply - take them into account if biological monitoring is conducted. Propan-2-ol is present at a concentration of < 1% and has not been included in the table.

DNEL/PNEC values have not been determined for the mixture; for values for individual components, see the REACH registration dossier.

8.2. Exposure controls

Engineering controls: ensure effective local exhaust and general ventilation at the workstation. Personal protective equipment must bear CE marking.

Eye/face protection: tight-fitting safety goggles (EN ISO 16321).

Skin protection: Category II long-sleeved protective clothing and safety footwear (Regulation (EU) 2016/425, EN ISO 20344). Where there is an explosion hazard, consider antistatic clothing.

Hand protection: Category III chemical-resistant protective gloves (EN 374). Select glove material and duration of use in consultation with the glove supplier.

Respiratory protection: if limit values are exceeded, use a respirator with Type A filter, with the class selected according to the concentration (EN 14387).

Environmental exposure controls: prevent the product and its residues from entering the environment.



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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Property	Value
Physical state	liquid
Colour	black
Odour	characteristic (solvent-like)
Melting point/freezing point	no data
Boiling point or initial boiling point and boiling range	no data
Flammability	flammable product (flammable liquid and vapour)
Lower and upper explosion limit	no data for the mixture
Flash point	24.0 °C (PN-EN ISO 1523:2007, closed cup; Łukasiewicz Research Network - Warsaw Institute of Technology (Łukasiewicz-WIT), report No. 177/25/295/E-1).
Auto-ignition temperature	no data
Decomposition temperature	no data
pH	not applicable (non-aqueous product)
Kinematic viscosity	no data
Solubility	in water: practically insoluble; in organic solvents: soluble
Partition coefficient n-octanol/water (log value)	not applicable (mixture)
Vapour pressure	no data
Density and/or relative density	approx. 0.86 g/cm ³
Relative vapour density	vapours heavier than air
Particle characteristics	not applicable (liquid product)

9.2. Other information

- Volatile organic compounds (VOCs): approx. 51% (~438 g/L).
- Water content: 0.000% (w/w) (PN-EN ISO 9029:2005; Łukasiewicz-WIT report No. 177/25/295/E-1).
- Physical hazard class: flammable liquids, category 3 - flammable liquid and vapour.

SECTION 10: Stability and reactivity

10.1. Reactivity

Under normal conditions of use, there are no particular hazards of reaction with other substances. Toluene: avoid exposure to light.

10.2. Chemical stability The product is stable under normal conditions of use and storage.

10.3. Possibility of hazardous reactions

Vapours may form explosive mixtures with air. Xylene may react violently with strong acids (sulphuric, nitric and perchloric acids). Toluene: risk of reaction with strong oxidising agents, strong acids and sulphur.

10.4. Conditions to avoid Avoid overheating, accumulation of electrostatic charges and all sources of ignition.

10.5. Incompatible materials Strong oxidising agents, strong acids.

10.6. Hazardous decomposition products Thermal decomposition or fire may release gases and vapours hazardous to health..



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SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity: based on the available data, the mixture does not meet the classification criteria. Data for components:

- Xylene: LD50 (dermal) > 4200 mg/kg (rabbit); LD50 (oral) 3523 mg/kg (rat); LC50 (vapour inhalation) 27.541 mg/L/4 h (rat).
- Toluene: LD50 (dermal) 12124 mg/kg (rabbit); LD50 (oral) 5580 mg/kg (rat); LC50 (vapour inhalation) 28.1 mg/L/4 h (rat).

Skin corrosion/irritation: causes skin irritation (H315).

Serious eye damage/eye irritation: does not meet the classification criteria.

Respiratory or skin sensitisation: does not meet the classification criteria.

Germ cell mutagenicity: does not meet the classification criteria.

Carcinogenicity: does not meet the classification criteria.

Reproductive toxicity: suspected of damaging the unborn child (H361d).

STOT - single exposure / repeated exposure: does not meet the classification criteria.

Aspiration hazard: may be fatal if swallowed and enters airways (H304).

11.2. Information on other hazards Based on the available data, the product does not contain substances included in the main European lists of potential or suspected endocrine-disrupting substances affecting human health and subject to assessment.

SECTION 12: Ecological information

12.1. Toxicity: Xylene: NOEC (chronic, algae) 0.44 mg/L.

12.2. Persistence and degradability: Toluene: water solubility 100–1000 mg/L; readily degradable.

12.3. Bioaccumulative potential: Toluene: n-octanol/water partition coefficient log Pow = 2.73; BCF = 90.

12.4. Mobility in soil: No data.

12.5. Results of PBT and vPvB assessment: The product is not considered PBT or vPvB.

12.6. Endocrine disrupting properties: Based on the available data, the product does not contain such substances at concentrations covered by the assessment.

12.7. Other adverse effects: Do not allow the product to enter the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Dispose of contents and container in accordance with local, national and international regulations. Do not discharge into drains. Recycle packaging where possible; dispose of empty, contaminated packaging in accordance with applicable regulations. Waste transport may be subject to ADR provisions.

Proposed waste codes (to be verified by the user according to the place and method of waste generation): 08 04 09- waste adhesives and sealants containing organic solvents or other hazardous substances; 15 01 10*- packaging containing residues of or contaminated by hazardous substances.*

SECTION 14: Transport information

Classification according to ADR/RID:

14.1. UN number: UN 1993

14.2. UN proper shipping name: FLAMMABLE LIQUID, N.O.S. (contains xylene, toluene)

14.3. Transport hazard class(es): 3

14.4. Packing group: III

14.5. Environmental hazards: no

14.6. Special precautions for user: transport category 3; tunnel restriction code (D/E); limited quantities (LQ) 5 L; hazard identification number (Kemler code) 30; special provisions 274, 601.

14.7. Maritime transport in bulk according to IMO instruments: no data.



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SECTION 15: Regulatory information

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

- Regulation (EC) No 1272/2008 (CLP).
- Regulation (EC) No 1907/2006 (REACH).
- Directive 2012/18/EU (Seveso) - category P5c.
- Restrictions according to Annex XVII to Regulation (EC) No 1907/2006 - points 3 and 40 (product) and points 75 and 48 (toluene).
- The Act of 25 February 2011 on chemical substances and their mixtures (as amended) and national implementing regulations, including the Regulation of the Minister of Family, Labour and Social Policy on maximum admissible concentrations and intensities (NDS and NDN).

15.2. Chemical safety assessment

No chemical safety assessment has been carried out for the mixture.

SECTION 16: Other information

Full text of H-statements referred to in sections 2 and 3:

- H225 - Highly flammable liquid and vapour.
- H226 - Flammable liquid and vapour.
- H304 - May be fatal if swallowed and enters airways.
- H312 - Harmful in contact with skin.
- H315 - Causes skin irritation.
- H319 - Causes serious eye irritation.
- H332 - Harmful if inhaled.
- H336 - May cause drowsiness or dizziness.
- H361d - Suspected of damaging the unborn child.
- H373 - May cause damage to organs through prolonged or repeated exposure.
- H412 - Harmful to aquatic life with long lasting effects.

Classification abbreviations:

Flam. Liq. - flammable liquids; Asp. Tox. - aspiration hazard; Skin Irrit. - skin irritation; Eye Irrit. - eye irritation; Repr. - reproductive toxicity; Acute Tox. - acute toxicity; STOT SE - specific target organ toxicity, single exposure; STOT RE - specific target organ toxicity, repeated exposure; Aquatic Chronic - **hazardous to the aquatic environment**, chronic.

Data sources: the manufacturer's safety data sheet (FIM DOOKanjiza, FIMIZOL-EXPRESS), the ECHA database, REACH registration dossiers and data from suppliers.

*This safety data sheet has been prepared on the basis of the current state of knowledge and applicable regulations.
The information relates exclusively to the named product and does not constitute a guarantee of its properties.
The user is responsible for compliance with applicable occupational health and safety and environmental protection regulations.
The safety data sheet must be approved by the person responsible and supplemented with the supplier's contact details.*

