

MATERIAL SAFETY DATA SHEET (MSDS)



Product:	Izobariyer
Product Code:	W1

IZOBARIYER W1

1 Identification of the Substance/Mixture and of the Company/Distributor

Product Name:	Izobariyer W1
Product Type:	Silicone-based, penetrates into the joints of tiles, ceramics, and similar surface coatings, creating a breathable waterproofing layer.
Supplier / Manufacturer:	Hasgin Construction Industry and Trade Limited Company
Address:	Kurtuluş Neighborhood, Hüseyin Tümer Street, Zümrüt Avenue, No:1 / 1
Contact:	0850 840 68 36
Emergency Phone:	0536 240 22 04 / 0532 241 85 39

2 Hazards Identification

Hazardous Components:	None
Classification of the substance (according to GHS):	None
Label elements (signal word, hazard statement, etc.):	None
Human Health Hazards:	No hazards under normal conditions of use.
Safety:	Non-flammable and non-combustible.
Environmental Hazards:	No hazards under normal conditions of use.

3 Composition / Information on Ingredients

Ingredients:	Silicone, resins, and stabilizing additives
Names of hazardous components:	No hazards under normal conditions of use.
Chemical name / CAS number:	No hazards under normal conditions of use.
Concentration (%):	No hazards under normal conditions of use.

EC number / REACH registration:	No hazards under normal conditions of use.
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4 First Aid Measures

Inhalation:	-
Skin contact:	-
Eye contact:	In case of contact, seek medical advice immediately.
Ingestion:	Do not use empty containers for drinking water or food storage; containers must be thoroughly cleaned with detergent and plenty of water before reuse or storage.
Delayed effects and symptoms:	In case of contact, seek medical advice immediately.

5 Firefighting Measures

Suitable extinguishing media:	Water-based, non-flammable.
Unsuitable extinguishing media:	-
Hazardous combustion products:	-
Protective equipment and precautions:	-

6 Accidental Release Measures

Personal Precautions	-
Protective Equipment	-
Environmental Precautions	Do not dispose of empty containers into the environment.
Cleaning of Small Spills	Clean with water before drying.
Cleaning of Large Spills	Clean with water before drying.

7 Handling and Storage

Handling	Izobarrier is ready to use. No additional preparation is required.
Applications	It is a water and moisture barrier applied on screed under ceramic, tile, and surface coatings. Can be used for wet and dry negative water and moisture insulation.
Safe storage conditions including incompatibilities	Store only in original packaging. Protect from frost. Application should not be carried out below 10°C.

Special packaging requirements	Store only in original packaging. Protect from frost. Application should not be carried out below 10°C.
Properties	Penetrates deeply into concrete surfaces. Fills capillary voids. Paint may be applied on top if desired. Not resistant to sunlight. Can be applied on damp concrete and plaster surfaces. Prevents bacterial formation in concrete. Balances vapor. Breathable.

8 Exposure Controls / Personal Protection

Occupational exposure limits	Use existing ventilation.
Engineering Controls	Use existing ventilation.
Personal Protective Equipment:	Use existing ventilation.
Respiratory Protection	-
Hand Protection	Wear standard work gloves.
Eye/Face Protection	In case of eye contact, rinse immediately with plenty of water.
Skin Protection	Wear standard work clothing and safety shoes or boots.
Hygiene Measures	Wash hands before eating, drinking, or smoking. Wash contaminated clothing before reuse.

9 Physical and Chemical Properties

Physical State	Liquid and flowable under normal conditions.
Color	White. Transparent after drying.
Odor	Slight odor.
pH	-
Melting / Freezing Point	-
Boiling Point	-
Flash Point	-
Vapor Pressure	-
Density	1.0 kg/dm ³
Solubility in Water	Water-based product.
Viscosity	-

10 Stability and Reactivity

Chemical Stability	Stable under normal conditions of use.
Conditions to Avoid	Sensitive to frost.
Substances to Avoid	None

Incompatible Materials	None
Hazardous Decomposition Products	Not expected under normal conditions of use.
Hazardous Reactions or Compounds	-

11 Toxicological Information

Acute toxicity (LD50 etc.)	Consult a specialist physician immediately
Skin irritation / corrosion	Consult a specialist physician immediately
Eye irritation / damage	-
Respiratory tract irritation	-
Allergic effects	May cause dizziness upon excessive odor exposure.
Carcinogenicity	May cause dizziness upon excessive odor exposure.
Reproductive toxicity	May cause dizziness upon excessive odor exposure.

12 Ecological Information

Aquatic toxicity	Disperses in water and mixes with it.
Persistence and degradability	Does not harm aquatic organisms.
Bioaccumulation potential	-
Soil mobility	-
Other adverse effects	-
Ecotoxicity	-

13 Waste Disposal Procedure

Waste control	Not required
Disposal of waste	-
Recommended disposal method	-
Disposal of contaminated packaging	Does not require mandatory storage.
Transportation	Does not require mandatory storage.

Transportation and storage	Does not require mandatory storage.
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14 Transport Information

UN number	-
ADR / RID Class	-
ADR / RID Symbol	-
Proper shipping name	-
Transport class	-
Packaging group	20 kg, 5 kg plastic drum
Special information for sea, land, air transport	If stacked on pallets or freely, no more than 3 layers of drums should be stacked on top of each other.
Storage information	If stacked on pallets or freely, no more than 3 layers of drums should be stacked on top of each other.

15 Regulatory Information

National and international regulations	-
Labeling requirements	Not hazardous.
Regulations such as REACH, TSCA, OSHA, WHMIS	-

16 Other Information

MSDS preparation / update date	16-07-2025
Version number	-
Explanations of abbreviations used	-
EU classification	-
EU symbol	None.
EU risk description	None
EU safety description	-
MSDS publication number	-
Additional safety instructions	-
Additional	The product can be stored for 2 years in a cool, shaded environment after use.

Note: This form has been prepared based on available information to describe the health, safety, and environmental effects of the product.

