

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

1.1. Product identifier

Trade name : EPSBLOCK
 Product form : Mixture
 Product Code : EP-01

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

1.2.1. Relevant identified uses

EPS Blok

1.2.2. Uses advised against

No additional information available

1.3. Details of the supplier of the safety data sheet

EPSBLOCK YAPI A.Ş.
 Zeytinli Mah. 94030 Sokak No:9/A Seyhan / ADANA
 TEL:0532 139 5225
 E-mail : info@epsblock.com
 Web: www.epsblock.com

1.4. Emergency telephone number

Country	Organisation/Company	Address	Emergency number	Comment
Turkey	Ulusal Zehir Merkezi (UZEM) Refik Saydam Hıfzıssıhha Merkezi Başkanlığı	Cemal Gürsel Cd. No: 18 Sıhhiye Çankaya 06590 Ankara	114	Information is provided to public and medical personnel on poisoning incidents via 114.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

Skin Abrasion/irritation, Hazard Category 2 : H315
 Sensitivity - Skin, Hazard Category 1 : H317
 Serious Eye Damage/Eye Irritation, Hazard Category 1 : H318
 Specific Target Organ Toxicity, Single exposure, Hazard Category 3, Respiratory Irritation : H335

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008 [CLP]

Harmfulness sign :



GHS 05

GHS-07

Signal word : Danger

Harmfulness Statements : H315 – May cause allergic skin reactions
 H317 – May cause an allergic skin reaction.
 H318 – Causes serious eye damage.
 H335- May cause respiratory irritation.

Precautionary Statements : P261 – Avoid breathing dust/fume/ gas/mist/vapours/spray.
 P264 – Wash ... thoroughly after handling.
 P271 – Use only outdoors or in a well-ventilated area.
 P272 – Contaminated work clothing should not be allowed out of the workplace.
 P280 – Wear protective gloves/ protective clothing/eye protection/face protection/ hearing protection/...
 P302+P352 – IF ON SKIN: Wash with plenty of water/...
 P304+P340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P305+P351+P338 – IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P310 – Immediately call a POISON CENTER/doctor/ ...
 P312 – Call a POISON CENTRE/doctor/... if you feel unwell.
 P321 – Specific treatment (see ... on this label).

P332+P313 – If skin irritation occurs: Get medical advice/ attention.
 P333+P313 – If skin irritation or rash occurs: Get medical advice/attention.
 P362+P364 – Take off contaminated clothing and wash it before reuse.
 P403+P233 – Store in a well-ventilated place. Keep container tightly closed.
 P405 – Keep it under lock and key.
 P501 – Dispose of ... the contents/container.

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Identity of the substance/mixture	%	Classification according to Regulation (EC) No. 1272/2008 [CLP]
EPS	(CAS No) 109-66-0/78-78-4 (EC No) -	1,95%	Flam. Liq. 2, H225 Asp. Tox. 1, H304 STOT SE 3, H336 Aquatic Chronic 2, H411
Portland Cement	(CAS No) 65997-15-1 (EC No) 266-043-4	55%	Skin Irrit. 2, H315 Skin Sens. 1, H317 Eye Dam. 1, H318 STOT SE 3, H335
Quartz (SiO ₂)	(CAS No) 14808-60-7 (EC No) 238-878-4	13.8%	Not Classified
Ash	(CAS No) 68131-74-8 (EC No) 931-322-8	13.8%	Not Classified
Water	(CAS No) 7732-18-5 (EC No) 686-299-4	13.8%	Not Classified
Trade Secret	(CAS No) - (EC No) -	1,65%	Not Classified

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures after inhalation : Emergency medical assistance is not required. There are no special requirements.

First-aid measures after skin contact : Urgent medical attention is not required. Wash skin with water. If any discomfort persists, consult a doctor.

First-aid measures after eye contact : If contact lenses are present, they should be removed before washing the eyes. Immediately rinse the eyes with plenty of water by opening the eyelids. If any discomfort persists, consult a doctor.

First-aid measures after ingestion : Emergency medical assistance is not required. There are no special requirements.

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

Dryness in contact with the skin and redness in contact with the eyes may occur.

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

Apply symptomatic treatment.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : The product itself does not burn. Use extinguishing measures appropriate to local conditions and the environment.

Unsuitable Extinguishing Equipment : No additional information available

EN (English)

2/6

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition products in case of fire : Fire causes the formation of toxic gases. Carbon monoxide (CO, Carbon dioxide (CO₂).

5.3. Advice for firefighters

Avoid breathing fire vapors. Remove the container from the fire area if it is possible to do so without danger. In case of fire, wear self-contained breathing apparatus and full protective clothing. Protective face mask, protective gloves and safety helmet.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures : No additional information available

6.1.2. For emergency responders

Protective equipment : See section 8 for personal protection

6.2. Environmental precautions

No additional information available

6.3. Methods and material for containment and cleaning up

Collect and place in containers and seal securely. Label containers appropriately. Take the containers to another location and wash the area with water. Dispose of material or solid residues at an authorized facility.

6.4. Reference to other sections

For information on safe handling, see section 7.

For information on personal protective equipment, see Section 8.

For information on disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Do not eat, drink or smoke during use. Avoid dust formation. Protect from direct sunlight. Read and follow the manufacturer's recommendations. Do not eat, drink or smoke while using this product. Always wash your hands after handling the product.

Warnings for protection against fire and explosion : No additional information available

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in tightly closed original packaging in a dry and cool place. Keep away from food, beverages and animal feed. Protect from light, including direct sunlight.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

There is no exposure limits

8.2. Exposure controls

General Protection and Hygiene Precautions : Provide suitable ventilation. Observe occupational exposure limits and reduce the risk of vapor/dust inhalation

Hand protection: : Use protective gloves made of the following material: Rubber, neoprene or PVC. should be selected in consultation. The glovemaking will be able to provide information about the permeability/degradation time of the glove material.

Eye protection: : Where there is a risk of contact with eyes, wear chemical-resistant protective goggles.

Skin and body protection: : Wear apron or protective clothing in case of splashes.

Respiratory protection: : It is not necessary under normal conditions.

Environmental exposure controls: : Comply with local and national laws.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state : Solid

Colour : No data available

Odour : No data available

Odour threshold : No data available

Ph : No data available

Anion Active (%)	: No data available
Solid Matter (%)	: No data available
Water Content	: No data available
Refractive index	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: Not applicable
Freezing point	: No data available
Boiling point	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Density	: No data available
Solubility	: No data available
Log Pow	: No data available
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: Not applicable
Explosive properties	: No data available
Oxidising properties	: No data available
Particle characteristics	: No data available
Explosive limits	: No data available

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

This product does not present any special reactive hazard.

10.2. Chemical stability

Stable under normal temperature conditions and recommended conditions of use. Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

No polymerization is observed.

10.4. Conditions to avoid

Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

No further relevant information available

10.6. Hazardous decomposition products

None under normal conditions. Toxic gases (CO, CO₂) are formed during fire.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: not determined
Skin corrosion/irritation	: May cause an allergic skin reaction.
Serious eye damage/irritation	: not determined
Respiratory or skin sensitisation	: May cause sensitization by inhalation and skin contact.
Germ cell mutagenicity	: not determined
Carcinogenicity	: not determined
Reproductive toxicity	: not determined
Teratogenicity	: not determined

SECTION 12: Ecological information

12.1. Toxicity

No further relevant information available

12.2. Persistence and degradability

No further relevant information available

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Results of PBT and vPvB assessment

Not determined

12.6. Other adverse effects

It should not be released uncontrolled into the environment.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

- Regional regulations (waste) : Dispose of garbage and waste in accordance with the rules of local authorities.
The environmental officer will be informed about all large spills.
- Contaminated packaging : Eliminate the contents/container in accordance with the separation instructions of the approved collector.

SECTION 14: Transport information

In accordance with ADR / RID / IMDG / IATA / ADN

ADR	IMDG	IATA	ADN	RID
14.1. UN Number				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.2. Proper UN transport name				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Explanation of the transport document				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packaging group				
Not applicable	Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental damages				
Harmful to the environment: No	Harmful to the environment: No Sea pollutant : No	Harmful to the environment: No	Harmful to the environment: No	Harmful to the environment: No
No additional information available				

14.6. Special precautions for user

No applicable

14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable

SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

According to 1272/2008/EC CLP Directive

Harmfulness sign



GHS 05

GHS-07

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protection/ hearing protection/...

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15.2. Other Regulations

Substances pending approval in 1907/2006 (REACH) (CE) Regulation: Not applicable

1005/2009 (CE) Regulation on ozone depleting substances: Not applicable

Active substances not included in 98/8/CE Directive Annex I or IA: Not applicable

689/2008 (CE) Regulation on the import and export of hazardous chemical products: Not applicable

Restrictions on the manufacture, placing on the market and use of certain dangerous substances (REACH

Regulation Annex XVII): Not applicable

Special provisions on the protection of persons and the environment: All measures defined in the Material Safety Data Sheet should be taken.

Other regulations: Not applicable

15.2. Chemical safety assessment

No chemical safety assessment has been carried out

SECTION 16: Other information

Other information	:	<p>This document has been prepared and approved by EPSBLOCK YAPI A.Ş. and certified by MAVİ YEŞİL DANIŞMANLIK accredited experts who are certified by the Regulation on Safety Data Sheets on Hazardous Substances and Mixtures, dated December 13, 2014 and numbered 29204 .</p> <p>Expert: Emrah KIRCAN (emrahkircan@maviyesilkalite.com) Expert Accreditation No: TÜV/11.31.02 Effective Date: 25/06/2025 Validity Period: 5 YEARS</p> <p>Key information sources used in the arrangement of this safety data sheet;</p> <ul style="list-style-type: none"> • Safety data sheet / form prepared by the manufacturer for the product • "Regulation on Safety Data Sheets for Hazardous Substances and Mixtures" and its annexes, • "Regulation on the Classification, Labeling and Packing of Materials and Mixtures" and its annexes • "Regulation on Health and Safety Precautions for Carcinogenic and Mutagenic Work" and its annexes, • Other relevant local regulations • ADR, AND, RID, IMDG, IATA lists, ECHA and related EU directives, <p>The information provided in this Safety Data Sheet is based on our current best practices, knowledge and beliefs as of the date of preparation. The information provided is designed to be a guide for safe handling, handling, handling, storage, transport, disposal and disposal. This information applies only to the specified substance / mixture, unless otherwise specified in the documentation, and may not apply if this substance is used in combination with other substances or if any other procedure is used. Please observe the information in the Safety Data Sheet for use. This information is based on our current knowledge. This Safety Data Sheet defines the product according to the</p>
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		<p>appropriate safety regulations, but does not guarantee the safety of the product. It does not constitute a guarantee and the product specifications do not establish a legally valid contractual relationship. Revision: The percentage mixing ratio of the component of the reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight ≤ 700) substance under the title 3.2 of the safety data sheet has been calculated again.</p>
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SDS EU (REACH Annex II)

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.



HE-MAX

Safety Data Sheet

according to Regulation (EU) 2020/878

Regulation on the Hazardous Substances and Mixture Safety Information Sheets was prepared by the Official Gazette dated 13 December 2014 and 29204

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