

According to Regulation (EU) No 2015/830

1. SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name ISONEM MS RUBBER

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

Identified uses Liquid Bitumen Rubber

1.3. Details of the supplier of the safety data sheet

Supplier ISONEM BOYA VE YALITIM TEKNOLOJILERI INS. SAN. TIC. A.S.
ITOB OSB 10001 Sk. No:20 Tekeli 35470 Menderes / Izmir / TURKEY
Tel : +90 232 799 04 95
Fax : +90 232 437 01 33
e-mail : isonem@isonem.com.tr

Contact Person Gizem GUNER

1.4. Emergency telephone number

TEL: +90 232 799 04 95

2. SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Mixture.

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

Not classified.

The product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.

2.2. Label elements

Hazard pictograms : -

Signal word : No signal word.

Hazard statements : No known significant effects or critical hazards.

Precautionary statements : Not applicable.

2.3. Other hazards

None known.

3. SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Mixture.

3.2. Mixtures

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs or vPvBs or have been assigned a workplace exposure limit and hence require reporting in this section.

4. SECTION 4: First aid measures

4.1. Description of first aid measures

Eye contact : Wash immediately with plenty of water at least 15 minutes. Seek medical advice.

Inhalation : Move to fresh air. If breathing is irregular, seek medical advice.

Skin contact : Wash immediately with plenty of water. Remove contaminated clothing.

Ingestion : Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

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

No specific data.

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

No specific data. Follow doctor's orders.

5. SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Carbon dioxide, foam, powder and nebulised water.

Unsuitable extinguishing media : None known.

5.2. Special hazards arising from the substance or mixture

Do not breathe combustion products (carbon oxide, toxic pyrolysis products, etc.).

5.3. Advice for firefighters

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

6. SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. More information about personal precautions available in section 8.

6.2. Environmental precautions

The product must not penetrate the sewers, surface water, ground water and neighbouring areas.

6.3. Methods and material for containment and cleaning up

Confine using earth or inert material. Collect as much material as possible and eliminate the rest using jets of water. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

7. SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Store in closed, labelled containers.

7.2. Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place. Protect from direct sunlight. Keep from freezing – product stability may be affected. Should be stored between +5°C and +35°C.

7.3. Specific end use(s)

Information not available.

8. SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Information not available.

8.2. Exposure controls

Hygiene measures : Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.

Eye/face protection : Avoid direct contact with eyes and skin. Wear protective goggles.

Hand protection : Use protective gloves

Skin and body : Working clothes.

Respiratory protection : No special protection is required.

9. SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	: Liquid
Colour	: Black
Odour	: Characteristic
Odour threshold	: Not available
Solubility	: Completely mixes with water
Boiling point	: Not available
Melting point	: Not available
pH Value	: 7.0 – 9.0
Flash point	: Not applicable
Evaporation rate	: Not available
Flammability of solids and gases	: Not applicable
In flammability limit	: Not applicable
Density	: 1,45 ± 0.10
Decomposition temperature	: Not available
Viscosity	: 8000 - 10000 mPas
Partition coefficient: n-octanol/water	: Not applicable
Explosive properties	: Not available
Oxidizing properties	: Not available

- 9.2. **Other information**
Information not available.

10. SECTION 10: STABILITY AND REACTIVITY

- 10.1. **Reactivity**
There are no particular risks of reaction with other substances in normal conditions of use.
- 10.2. **Chemical stability**
The product is stable in normal conditions of use and storage.
- 10.3. **Possibility of hazardous reactions**
No hazardous reactions are foreseeable in normal conditions of use and storage.
- 10.4. **Conditions to avoid**
Protect from hot and cold.
- 10.5. **Incompatible materials**
There are no known materials which are incompatible with this product.
- 10.6. **Hazardous decomposition products**
Does not decompose when used for intended uses.

11. SECTION 11: TOXICOLOGICAL INFORMATION

- 11.1. **Information on toxicological effects**
- 11.1.1. **Acute toxicity**
- | | | |
|----------------------------------|------------------------|-------------------------|
| Acute Oral Toxicity | LD50 >5000 mg/kg (rat) | Method: EEC 84/449,B.1 |
| Acute Dermal Toxicity | Non-irritant (Rabbit) | Method : EEC 84/449,B.4 |
| Acute Inhalation Toxicity | LC50 > 2,25 mg/l (Rat) | Method: OECD 400 |
- 11.1.2. **Skin corrosion/skin irritation**
Non-irritant (Rabbit) Method: EEC 84/449,B.4
- 11.1.3. **Serious eye damage/irritation**
Non-irritant. Method: EEC 84/449,B.5
- 11.1.4. **Respiratory or skin sensitization**
Non-sensitizing.
- 11.1.5. **Germ cell mutagenic**
All in vitro genotoxicity tests were negative.
- 11.1.6. **Carcinogenicity**
Carcinogenic potential is not expected.
- 11.1.7. **Specific target organ toxicity (single exposure)**
Based on available data the classification criteria are not met.
- 11.1.8. **Specific target organ toxicity (repeated exposure)**
Based on available data the classification criteria are not met.
- 11.1.9. **Aspiration hazard**
Not applicable.

12. SECTION 12: ECOLOGICAL INFORMATION

- 12.1. **Toxicity**
- | | | |
|---|--|------------------|
| Fish Toxicity | LC ₅₀ >100 mg/l (96 h,Fish) | Method: OECD 203 |
| | Chronic Toxicity: No data available | |
| Daphnia and other aquatic invertebrates | EC ₅₀ >100 mg/l Daphnia magna (24 h) | Method: OECD 202 |
| | Chronic Toxicity: No data available | |
| Aquatic plants | EC ₅₀ > 100 mg/l Desmodesmus subspicatus (72 h) | Method: OECD 201 |
| Bacterial toxicity | EC ₅₀ approximately 1.000 mg/l | Method: OECD 209 |
- 12.2. **Persistence and degradability**
Biodegradability >80, Method: OECD 301 B
- 12.3. **Bio accumulative potential**
Not potentially bioaccumulable.
- 12.4. **Mobility in soil**
Do not allow to penetrate the sewers, surface water, groundwater.
- 12.5. **Results of PBT and vPvB assessment**
This mixture does not meet the PBT/ vPvB criteria of REACH, Annex XIII.
- 12.6. **Other adverse effects**
Information not available.

13. SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

The generation of waste should be avoided or minimised wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

14. SECTION 14: TRANSPORT INFORMATION**14.1. UN Number****UN No. (ADR/RID/ADN)**

Not regulated as a dangerous good.

UN No. (IMDG)

Not regulated as a dangerous good.

UN. No (ICAO)

Not regulated as a dangerous good.

14.2. UN proper shipping name

Not regulated as a dangerous good.

14.3. Transport hazard class(es)

Not regulated as a dangerous good.

14.4. Packing group

Not regulated as a dangerous good.

14.5. Environmental hazards

Not regulated as a dangerous good.

14.6. Special precautions for user

Not regulated as a dangerous good.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not regulated as a dangerous good.

15. SECTION 15: REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

The product doesn't need to be classified as hazardous pursuant to the provisions set forth in Directives 67/548/EEC and 1999/45/EC and/or EC Regulation 1272/2008 [CLP].

15.2. Chemical Safety Assessment

No chemical safety assessment has been processed for the mixture and the substances it contains.

16. SECTION 16: OTHER INFORMATION**Full text of abbreviated H statements**

Not applicable.

Full text of classifications [CLP/GHS]

Not applicable.

Abbreviations and acronyms

ADR : The European Agreement concerning the International Carriage of Dangerous Goods by Road

AND : European Agreement Concerning the International Carriage of Dangerous Goods by Inland Waterways

Cas No : Chemical Abstracts Service

EC No : European Community Number

IATA : International Air Transport Association

ICAO-TI : Technical Instructions for the Safe Transport of Dangerous Goods by Air

IMDG : International Maritime Dangerous Goods Code

UN : United Nations

MARPOL 73/78: The International Convention for the Prevention of Pollution from Ships, 1973, as modified by the Protocol of 1978 (MARPOL 73/78)

ATE : Acute Toxicity Estimate

CLP : Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008]

DMEL : Derived Minimal Effect Level

DNEL : Derived No Effect Level

EUH statement: CLP-specific Hazard statement

PBT : Persistent, Bioaccumulative and Toxic

PNEC : Predicted No Effect Concentration

RRN : REACH Registration Number

vPvB : Very Persistent and Very Bioaccumulative

Sources of key data

Literature data and/or investigation reports are available through the manufacturer.

Note for users

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product. This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper use.

History

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