

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

1.1. Product identifier

Trade name: eco butyl/eco melt

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

Identified uses of the mixture: Sealant.
Uses advised against: Undetermined.

1.3. Details of the supplier of the safety data sheet

Supplier: eco in spółka z ograniczoną odpowiedzialnością sp. k.
ul. Powsińska 18
02-920 Warszawa
Tel.: +48 22 651 68 14
Fax: +48 22 651 81 72
e-mail: biuro@ecoin.pl

E-mail of person responsible for Safety Data Sheet: biuro@ecoin.pl, lse1@wp.pl

1.4. Emergency telephone number

Tel.: + 48 22 651 68 14 (hours: 8 a.m. – 5 p.m., Monday - Friday) or 112 (24 h)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008, as amended.

Based on available data, the classification criteria are not met.

Classification according to Directive 1999/45/EC, as amended and Polish regulations.

Based on available data, the classification criteria are not met.

Adverse effects on human health:

Direct contact with eyes may cause a mild irritation, redness, tearing, burning, itching. Contact with skin may cause redness and itching. Ingestion of large amounts may cause nausea, vomiting, diarrhea.

Adverse effects on the environment:

The product does not pose a hazard on the environment, if used according to recommendations.

Effects related to the physicochemical properties:

Hot / molten product may cause thermal burns.

2.2. Label elements

Labelling according to Regulation (EC) No. 1272/2008, as amended:

Hazard pictograms: not required.
Signal Word: not required
Risk Phrases: not required
Precautionary Statements: not required
 The product doesn't require a warning label.

2.3. Other hazards

The mixture does not meet the criteria for PBT and vPvB according to Regulation EC 1907/2006 (REACH), Annex XIII.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Product identifier: eco butyl/ eco melt

The mixture does not contain components classified as hazardous in accordance with applicable regulations.

SECTION 4: First aid measures

4.1. Description of first aid measures

After inhalation:

Remove the victim from exposure, place in a comfortable reclining or sitting position, keep calm, protect against heat loss. If symptoms persist, call a physician.

After contact with skin:

Remove immediately contaminated clothing and wash skin with plenty of lukewarm water and soap. **If necessary, call a doctor. If hot/molten sealant gets on skin, cool rapidly with lukewarm water – do not attempt to peel the product from skin. Obtain medical treatment for thermal burns.**

After contact with eyes:

Immediately rinse with plenty of fresh and lukewarm water for at least 15 minutes. Remove contact lenses. Avoid strong stream of water due to the risk of mechanical damage to the cornea. If irritation persists, consult a doctor.

After ingestion:

If swallowed, do not induce vomiting. Rinse mouth with water, then drink plenty of water (if conscious). Assure immediately medical attention.

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

Direct contact with eyes may cause a mild irritation, redness, tearing, burning, itching. Contact with skin may cause redness and itching. Ingestion of large amounts may cause nausea, vomiting, diarrhea.

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

No special requirements. Symptomatic treatment.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**

Foam, carbon dioxide, dry powder, water spray jet.

Not suitable extinguishing media

Full water jet.

5.2. Special hazards arising from the substance or mixture

Toxic fumes may release in a fire: carbon oxides and other toxic gases. Combusts with thick black smoke.

5.3. Advice for firefighters

Wear protective equipment. Wear self-contained breathing apparatus.

EN 469 Protective clothing for firefighters. Performance requirements for protective clothing intended for fire fighting

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Wear required protective clothing. Remove unsecured and not involved in the removal of a failure persons from the danger zone. Avoid direct contact with the mixture.

6.2. Environmental precautions

Prevent from entering drains, surface waters, groundwater and soil.

6.3. Methods and material for containment and cleaning up

Secure sink basins. Place damaged packaging in replacement container. Adsorb small amounts of a hot/molten product with chemically inert binding material (sand, diatomaceous earth), transfer to tight containers and give for disposal. Wash out with water polluted surfaces. Solid residues can be removed mechanically.

6.4. Reference to other sections

Information regarding waste disposal, see section 13.

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SECTION 7: Handling and storage**7.1. Precautions for safe handling**

Take precautionary measures during work with the mixture in order to avoid contact with skin and eyes. Do not breathe vapors. Prevent from entering into drains, groundwater surfaces and soil. Do not eat, drink or smoke during use. Wash out hands during breaks and after work. Remove contaminated clothing and wash before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Store in original, properly labeled, tightly closed containers in a dry, clean (free of dust and oils) well-ventilated storage area with good ventilation. Recommended storage temperatures: 0-25 °C. Protect from sunlight.

7.3. Specific end use(s)

No further recommendations.

SECTION 8: Exposure controls/personal protection**8.1. Control parameters**

No control parameters.

8.2. Exposure controls**8.2.1 Appropriate engineering controls**

Apply adequate general ventilation.

8.2.2. Individual protection measures, such as personal protective equipment

Eye protection: safety goggles
Requirements for eye protection: EN 166.



Hand protection: rubber gloves (thickness $0,4 \pm 0,05$ mm, breakthrough time ≥ 480 min). Requirements for hand protection: EN 374.



Skin protection: Wear protective clothing made of natural materials (cotton) or synthetic fibers. The requirements for protective clothing: EN 943.



Respiratory protection: They are not required for the intended use.

If there is a possibility of contact with hot / molten product, wear clothing and shoes resistant to high temperatures. Wear overalls, safety glasses, safety goggles and face shield (EN 166), when

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there is a possibility of contact with the face and eyes due to splashing or spraying molten product. Full respirator will provide complete face protection.

Hygiene at work: observe the general rules of industrial hygiene. Take off contaminated clothing after work. Wash hands and face before breaks at work. Wash the entire body after work. Do not eat, drink or smoke while working.

8.2.3. Environmental exposure controls

Prevent from entering drains, surface waters, groundwater and soil.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:	black mass
Odour:	practically odorless
Odour threshold:	no data available
pH:	no data available for the mixture
Melting point/ freezing point:	no data available
Initial boiling point and boiling range:	no data available
Flash point:	no data available
Ignition temperature:	no data available
Evaporation rate:	no data available for the mixture
Flammability:	no data available
Upper/lower flammability or explosive limits:	not applicable (mixture does not pose a risk of explosion)
Vapour pressure:	no data available
Vapour density:	no data available
Relative density:	ca. 1,2 (water = 1)
Solubility:	not soluble in water, partially soluble in organic solvents
Partition coefficient: n-octanol/water:	no data available
Auto-ignition temperature:	no data available
Decomposition temperature:	no data available
Viscosity:	no data available
Explosive properties:	not explosive
Oxidizing properties:	no data available

9.2. Other information

No other data available.

SECTION 10: Stability and reactivity

10.1. Reactivity

In recommended conditions of storage and handling as intended - no reactivity.

10.2. Chemical stability

Under recommended conditions of handling and storage the product is stable.

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10.3. Possibility of hazardous reactions

None are known.

10.4. Conditions to avoid

Sources of ignition, open flame, direct sunlight.

10.5. Incompatible materials

Frost, temperatures > 25 ° C, direct sunlight.

10.6. Hazardous decomposition products

No decomposition under recommended conditions of storage and use.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity:**

Based on available data, the classification criteria are not met.

Corrosion / irritation:

Based on available data, the classification criteria are not met.

Serious eye damage / irritation:

Based on available data, the classification criteria are not met.

Sensitizing effects on the respiratory system or skin:

Based on available data, the classification criteria are not met.

Mutagenic effects on reproductive cells:

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.

Toxic effects on target organs - single exposure:

Based on available data, the classification criteria are not met.

Toxic effects on target organs - repeated exposure:

Based on available data, the classification criteria are not met.

Aspiration hazard:

Based on available data, the classification criteria are not met.

SECTION 12: Ecological information**12.1. Toxicity**

Based on available data, the classification criteria are not met.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

Partition coefficient octanol/water (Kow): No data available.

Bioconcentration factor (BCF): No data available.

12.4. Mobility in soil

No data available for the mixture.

12.5. Results of PBT and vPvB assessment

Mixture does not meet the criteria for PBT and vPvB.

12.6. Other adverse effects

No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Do not dispose as household waste, do not empty into drains. Do not allow contamination of groundwater and surface water. Empty thoroughly containers. Reusable packaging can be (after cleaning) re-used. Packaging disposable (after thorough cleaning) recycle. Remove the product and its container in a safe way. Be careful when handling empty containers that have not been thoroughly cleaned.

Comply with national and local regulations

08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09 (European Waste Catalogue)

Community law:

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives, as amended.

Council Directive 1999/31/EC of 26 April 1999 on the landfill of waste, as amended.

European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste, as amended.

Polish law:

The Act of 14 December 2012 on waste (O.J.2013.0.21), as amended.

The Act of 13 June 2013 on packaging and packaging waste (O.J.2013.0.888).

Regulation of the Minister of the Environment of 9 December 2014 on the catalogue of wastes, (O.J.2014.0.1923)

Proclamation of the Marshal of the Polish Sejm on 4 September 2014 on publication of the consolidated text of the law on obligations of entrepreneurs in the field of management of certain wastes and on product fee, (O.J.2014.0.1413).

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SECTION 14: Transport information

The product is **not** classified as dangerous material as defined in national and international transport regulations concerning the transport of dangerous goods.

ADR/RID/ADN, IMDG, IATA**14.1.-14.4** Not applicable.**14.5. Environmental hazards**

The product does not pose a risk to the environment in accordance with the criteria in the UN Model Regulations.

14.6. Special precautions for user

No special requirements.

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

Not applicable.

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

Regulation (EC) 1907/2006 of the European Parliament and the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Regulation Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 and Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000 / 21/WE (Official Journal of the European Union, series L No 396 of 30 December 2006), as amended.

REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (EC) No 1272/2008 of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 (Official Journal of the European Union, series L No 353 of 31 December 2008), as amended.

Act of 25 February 2011 on chemical substances and their mixtures (Dz.U.2011.63.322).

Regulation of the Minister of Health of 10 August 2012 on the criteria and classification of chemical substances and mixtures (Dz.U.2012.0.1018), as amended.

Regulation of the Minister of Economy of 21 December 2005 on the basic requirements for personal protective equipment (Dz.U.2005.259.2173).

Regulation of the Minister of Health of 30 December 2004 on occupational health and safety related to occurrence of chemical agents at work (Dz.U.2005.11.86), as amended.

Regulation of the Minister of Health on 2 February 2011 on the tests and measurements of harmful factors in the work environment (Dz.U.2011.33.166).

Regulation of the Minister of Labour and Social Policy of 14.03.2000 r on occupational health and safety in transport manual handling (Dz.U.2000.26.313), as amended.

15.2. Chemical safety assessment

No Chemical Safety Assessment was done for this product.

SECTION 16: Other information**Recommendations for training staff**

As a minimum a safety training at work is recommended. Prior to working with the product the user is required to know the safety rules for safe handling with chemicals, and above all, hold appropriate workplace training.

Sources:

Safety Data Sheet in English, marked: Revision: 19/12/2014.

This Safety Data Sheet is not a quality certificate of the product. The information contained herein should be considered only as a help in safe handling the product in transportation, distribution use and storage. The information contained herein apply only to the product and its specific identified uses. They may not be proper or sufficient for the product used in combination with other materials or in other applications than those listed in this Safety Data Sheet. The user of the product is obliged to comply with all applicable standards and regulations, and responsibility resulting from improper use of information contained herein.