

eco pur C component A

Safety Data Sheet in accordance with Regulation EC 1907/2006 with amendments

Date of compilation: 25.06.2007

Date of revision: 21.01.2015

Version: PL-2

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

1.1. Product identifier

Trade name: eco pur C component A

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

Identified uses: Sealant for double glazing

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 competent 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:

The product used according to manufacturer's recommendations, does not pose a health hazard under normal conditions of use.

Adverse effects on the environment

Ingress of large quantities of product to water may cause short-term negative effects on aquatic organisms.

Effects related to the physicochemical properties:

There are no known.

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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

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

Trade name: eco pur C component A

Ingredients of the mixture:

aliphatic polyols, plasticizers, catalysts and mineral fillers (eg. calcium carbonate > 1%, CAS: 471-34-1). Ingredients not classified as hazardous are listed on a voluntary basis in order to more accurately determine the composition of the product.

SECTION 4: First aid measures

4.1. Description of first aid measures

After contact with eyes:

Remove contact lenses. Rinse thoroughly with plenty of water within 15 minutes. If symptoms persist, seek medical advice.

After contact with skin:

Remove contaminated clothing immediately. Wash off immediately contaminated skin with soap and water. If symptoms persist, seek medical advice.

After ingestion:

Don't induce vomiting. Remove all traces of the product from the mouth. Summon a doctor immediately.

After inhalation:

Remove to fresh air. If symptoms persist, seek medical advice immediately.

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

It is possible slight irritation of the digestive and respiratory tract, skin and eyes slight irritation in a result of prolonged exposure by inhalation, ingestion and contact with eyes and skin.

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

There are no specific indications

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

Use water or other neutral extinguishing media suitable for materials burning in surrounding area.

Not suitable extinguishing media

Full water jet.

5.2. Special hazards arising from the substance or mixture

In case of fires, hazardous combustion gases are formed: butadiene, carbon monoxide (CO), carbon dioxide (CO₂) and other products. Avoid inhalation of combustion products - may pose health risks.

5.3. Advice for firefighters

Follow the procedures in place for firefighting chemicals. Do not allow to enter fire-fighting water to the sewer and water. Follow the procedures in place for firefighting chemicals.

Special protective equipment for firefighting

Do not allow fire-fighting waters get into drains and waterways. Use self-contained breathing apparatus and gas-tight protective clothing appropriate to the size and conditions of the fire.

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

In the case of release of large quantities limit access to the contaminated area until completion of cleaning operations. Avoid contact with skin and eyes. Use personal protective equipment (see Section 8), corresponding to the size of failure. Provide adequate ventilation. Removal of failure and its consequences should be carried out only by trained personnel.

The requirements for protective clothing for rescue teams: EN 943.

For personnel not involved in rescue operations: keep away and avoid access of other persons to the area of the accident and avoid contact with the mixture until the completion of clean-up operation. In case of large spills, isolate danger area.

For personnel eliminating the effects of failure: any removal of failure and its effects should be carried out only by trained personnel.

6.2. Environmental precautions

Do not allow entry to drains, water courses or soil. Inform the appropriate authorities, if necessary.

6.3. Methods and material for containment and cleaning up

If possible, reduce the release of the product (seal damaged container, place in other container). Collect released product using an industrial vacuum cleaner or mechanically and put to a closed, labelled container for disposal. Small amounts of residual product rinse with water. If necessary, ask for assistance special firms engaged in transportation and waste elimination.

6.4. Reference to other sections

Information regarding waste disposal, see section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

When using and storing the product observe generally applicable rules and safety precautions required when working with chemicals. Avoid contact with the product. Do not breathe dust. Use as directed. Ensure effective ventilation.

7.2. Conditions for safe storage, including any incompatibilities

Keep only in original, properly labeled containers. Tightly closed drums can be stored up to 6 months at + 10°C to + 30°C, also because of the quality. Do not store outside. Protect against dents/indentation. See also Section 10 - incompatible materials.

7.3. Specific end use(s)

No further recommendations.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limit values for Poland

<u>Name of substance</u>	<u>CAS No.:</u>	<u>normative</u>	<u>value</u>	<u>unit</u>
Calcium carbonate - inhalable fraction	471-34-1	NDS	10	mg/m ³ s

Regulation of the Minister of Labour and Social Policy of 6-th June 2014 on the maximum permissible concentration and intensity of harmful factors in the workplace (OJ 2014.0.817).

Exposure limit values for some other countries:

Germany: (listed as calcium carbonate): 10 mg/m³ VME

United Kingdom, WEL - TWA: (listed as calcium carbonate): 10 mg/m TWA (inhalable dust); 4 mg/m³ TWA (respirable dust)

United States OSHA: 15 mg/m³ TWA (total dust); 5 mg/m³ TWA (respirable fraction) (listed under Calcium carbonate).

DNEL/DMEL values

DNEL/DMEL values are not available.

PNEC values

PNEC values are not available.

8.2. Exposure controls**General protective measures**

Ensure or enter control procedures whether labels on incoming containers are permanently fixed, legible and properly made. Employers should ensure that employees who are dealing with a mixture know the risk that the product may pose. Wear personal protective equipment. Apply its periodic review and maintenance. Ensure periodically the state of ventilation equipment. Do not allow to exceed the exposure limit values in the workplace.

Recommended procedures for monitoring air quality in the workplace:

EN 689, EN 13205, EN 1540

8.2.1. Appropriate engineering controls

It is recommended to ensure in the workplace a water shower for rinsing eyes. Recommendations for ventilation - see Section 7

8.2.2. Individual protection measures, such as personal protective equipment

Eye protection: Safety glasses in a case of prolonged exposure (goggles)
Requirements for eye protection:
EN 166:2005



Hand protection: Protective gloves during prolonged contact.
It is recommended to change gloves regularly and replace them immediately if you develop any signs damage.
Requirements for protection of hands: EN 374.



Skin protection: Standard work clothes.



Respiratory protection: Under normal conditions of use are not required.

8.2.3. Environmental exposure controls

Prevent penetration into water supply system, sewerage and waterways. Determine procedures to follow in case of failure.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance:	light grey/white/beige paste
Odour:	soft characteristic for used components
Odour threshold:	no data available for the mixture
pH:	no data available for the mixture
Melting point/ freezing point:	no data available for the mixture
Initial boiling point and boiling range:	no data available for the mixture
Flash point:	> 190 °C DIN 51758
Evaporation rate:	no data available for the mixture
Flammability:	no data available for the mixture
Upper/lower flammability or explosive limits:	does not applicable (mixture does not pose a risk of explosion).
Vapour pressure:	< 0,001 hPa (20°C)
Vapour density:	no data available for the mixture
Relative density:	1,70 +/- 0,1 g/cm ³ (water = 1)
Solubility:	insoluble in water
Partition coefficient: n-octanol/water:	not determined
Ignition point:	400° C DIN 51794
Decomposition temperature:	no data available for the mixture
Viscosity (kinematic):	ca. 200 Pas. Brookfield DV-II+
Explosive properties:	no risk of explosion.
Oxidizing properties:	due to the composition of the mixture oxidizing properties are not expected

9.2. Other information

No other data.

SECTION 10: Stability and reactivity

10.1. Reactivity

In the recommended conditions of storage - no reactivity.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions

There are no known

10.4. Conditions to avoid

Temperatures below 10°C and above 30°C, sources of ignition

10.5. Incompatible materials

Flammable and combustible materials, acids, alkaline materials, reducing agents, oxidizing agents.

10.6. Hazardous decomposition products

There are no known.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

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

Acute oral LD50, rat > 6 000 mg/kg, no death.

Irritation:

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

Corrosive:

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

Sensitization:

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

Repeated dose toxicity:

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

Carcinogenicity:

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

Mutagenicity:

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

Reproductive toxicity:

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

Local exposure by inhalation:

Possible slight irritation of the respiratory tract.

Contact with skin:

Possible slight irritation

Contact with eyes:

Possible slight irritation

By ingestion:

Possible slight irritation of the stomach

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
12.5. Results of PBT and vPvB:	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 in the trash, do not empty into drains. Avoid contamination of groundwater and surface water. The generation of waste reduce to minimum. Empty containers thoroughly. Reusable packaging can (after cleaning) be used again. Disposable containers (cleaned thoroughly) can be recycled. Dispose according to your national and local regulations.

Special precautions:

Be careful when handling empty containers that have not been thoroughly cleaned. Prevent the release of the product into the soil, watercourses and drains.

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).

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: land (RID, ADR), sea (IMDG) and air (IATA).

Subsections 14.1. to 14.4:

ADR/ ADNR/ RID/ IATA/ IMDG - not applicable

14.5. Environmental hazards

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

14.6. Special precautions for user

Always transport in closed and properly secured containers. Ensure that persons transporting the product know what to do in case of failure.

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

No transport as bulk according IBC Code.

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 manual handling (Dz.U.2000.26.313), as amended.

15.2. Chemical safety assessment

No Chemical Safety Assessment available for this product.

SECTION 16: Other information**The key literature and data sources**

- SDS received from supplier

Recommendations for staff training

Before starting work with the product the user is required to read the safety rules regarding the safe handling of chemicals, and most of all have appropriate training in the workplace.

Changes:

- Section 1, E-mail address of the person responsible for the SDS
- Section 2
- Subsection 3.2, subsection 4.2, section 5, subsection 7.2, subsection 8.1 (NDS update), subsection 8.2 (standards update), section 9 (density), section 10 and section 13 (update of law), subsection 15.1 (update of law).

Note

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 current 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.