Safety Data Sheet

according to Regulation (EC) No 1907/2006

EGOBON 226 FASSSCHMELZBUTYL

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

1.1. Product identifier

EGOBON 226 FASSSCHMELZBUTYL

Product group: Butyl

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

Use of the substance/mixture

Butyl sealant for hot use
Preformed butyl sealing tape/strip

1.3. Details of the supplier of the safety data sheet

Company name:	EGO Dichtstoffwerke GmbH & Co. Betriebs KG	
Street:	Kaltenbrunn 27	
Place:	D-82467 Garmisch-Partenkirchen	
Telephone:	+49 (0)8821 956 90	Telefax: +49 (0)8821 956 990
E-mail:	info@ego.de	
Contact person:	Laboratory	Telephone: +49 (0)8821 956 960
E-mail:	EGO-Labor@ego.de	
Internet:	www.ego.de	

1.4. Emergency telephone number:

+49 55119240 (24h/7d)
GIZ-Nord, Göttingen
Member of EPECs network

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Regulation (EC) No 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No 1272/2008.

2.2. Label elements

Additional advice on labelling

The product does not need to be labelled in accordance with EC directives or respective national laws.

2.3. Other hazards

None known.
This mixture contains no substance considered to be persistent, bioaccumulating nor toxic (PBT).

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Butyl rubber sealing compound, polyisobutylene, fillers and auxiliary agents

Relevant ingredients

none (according to Regulation (EC) No 1907/2006 (REACH))

Further Information

To the standard of our knowledge the product does not contain any additional substances that , in the concentrations indicated, are classified as harmful or dangerous for the environment and would therefore have to be listed in this section.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

No hazards resulting from the material as supplied.
Sticky material.

After inhalation

Exempt
Provide fresh air.

After contact with skin

Wash skin thoroughly with soap and water or use recognized skin cleanser .
In the case of skin irritation or allergic reactions see a physician.

After contact with eyes

Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.

After ingestion

If you feel unwell, seek medical advice (show the label where possible).

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

No data available

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

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Water spray, Carbon dioxide (CO2), Foam, Dry powder.
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media

High volume water jet

5.2. Special hazards arising from the substance or mixture

In the event of fire the following can be released: Carbon monoxide, Carbon dioxide (CO2).

5.3. Advice for firefighters

In the event of fire, wear self-contained breathing apparatus.
Wear personal protective equipment.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General advice

Wear suitable protective clothing.

For non-emergency personnel

Remove from all sources of ignition. Provide adequate ventilation. Wear personal protection equipment.

For emergency responders

Wear personal protection equipment.

6.2. Environmental precautions

No special environmental precautions required.
Do not flush into surface water or sanitary sewer system.

6.3. Methods and material for containment and cleaning up

For containment

Cover the sewers.

For cleaning up

Use mechanical handling equipment.

Other information

To clean the floor and all object contaminated by this material, use White spirit.

6.4. Reference to other sections

See also section 8,13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

No hazards resulting from the material as supplied. Sticky material.
Wash hands before breaks and at the end of workday. When using, do not eat, drink or smoke.

Advice on protection against fire and explosion

No special precautions required.

Advice on general occupational hygiene

When using, do not eat, drink or smoke.
General industrial hygiene practice.

Further information on handling

Sticky material.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep tightly closed in a dry and cool place.

Hints on joint storage

No special precautions required.

Further information on storage conditions

Recommended storage temperature: +5 - +25 °C

7.3. Specific end use(s)

Butyl sealant for hot use
Preformed butyl sealing tape/strip

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values

No materials to be especially mentioned.

8.2. Exposure controls

Appropriate engineering controls

Exempt

Individual protection measures, such as personal protective equipment

Eye/face protection

Safety glasses

Hand protection

Protective gloves complying with EN 374.
Polyvinyl alcohol or nitrile- butyl-rubber gloves (=> 1mm), Latex gloves (=> 1mm).
Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.

Skin protection

Long sleeved clothing

Respiratory protection

No personal respiratory protective equipment normally required.

Thermal hazards

Do not heat the product.
Under fire conditions: Flame-resistant clothing
Low temperature resistant gloves: not required

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	solid	
Colour:	various	
Odour:	mild, mild	
Odour threshold:	not determined	
Lower explosion limits:		not applicable
Upper explosion limits:		not applicable
Flash point:		> 180 °C
pH-Value:		not applicable
Water solubility:		practically insoluble
Density:		approx. 1,25 g/cm³
Particle characteristics:		not applicable

9.2. Other information

Other safety characteristics

Softening point: > 100 °C

Further Information

Decomposition temperature: Depolymerisation starting from > 200 °C.

SECTION 10: Stability and reactivity

10.1. Reactivity

No dangerous reaction known under conditions of normal use.

10.2. Chemical stability

The product is chemically stable.

10.3. Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

10.4. Conditions to avoid

Stable under normal conditions.

10.5. Incompatible materials

Acids, organic solvent

10.6. Hazardous decomposition products

No hazardous decomposition products are known.
No decomposition if stored normally.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity

None under normal processing.

ATEmix calculated

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

Irritation and corrosivity
None reasonably foreseeable.

Sensitising effects
None reasonably foreseeable.

Carcinogenic/mutagenic/toxic effects for reproduction
None known.

STOT-single exposure
None known.

STOT-repeated exposure
None known.

Aspiration hazard
Not applicable.

Information on likely routes of exposure
Skin contact

Specific effects in experiment on an animal
None known.

Practical experience
This product has no known adverse effect on human health.

SECTION 12: Ecological information

12.1. Toxicity
This product has no known eco-toxicological effects.

12.2. Persistence and degradability
According to experiences hitherto this product is inert and not degradable.

12.3. Bioaccumulative potential
This information is not available.

12.4. Mobility in soil
This information is not available.

12.5. Results of PBT and vPvB assessment
The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6. Endocrine disrupting properties
This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

12.7. Other adverse effects
Ecological injuries are not known or expected under normal use. The product is insoluble and sinks in water.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

List of Wastes Code - residues/unused products
070299 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of plastics, synthetic rubber and man-made fibres; wastes not otherwise specified

List of Wastes Code - used product
070299 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of plastics, synthetic rubber and man-made fibres; wastes not otherwise specified

Contaminated packaging
Dispose of waste according to applicable local, state, and federal regulations.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

14.1. UN number or ID number:	No dangerous good in sense of this transport regulation.
14.2. UN proper shipping name:	No dangerous good in sense of this transport regulation.
14.3. Transport hazard class(es):	No dangerous good in sense of this transport regulation.
14.4. Packing group:	No dangerous good in sense of this transport regulation.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS:	No
Marine pollutant:	no

14.6. Special precautions for user

No dangerous good in sense of this transport regulation.

14.7. Maritime transport in bulk according to IMO instruments

No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information

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

National regulatory information

Water hazard class (D): - - non-hazardous to water

15.2. Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes

This data sheet contains changes from the previous version in section(s): 1,6,7,8,9,11,12,15.

Abbreviations and acronyms

CLP: Classification, labelling and Packaging
REACH: Registration, Evaluation and Authorization of Chemicals
GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals
UN: United Nations
CAS: Chemical Abstracts Service
DNEL: Derived No Effect Level
DMEL: Derived Minimal Effect Level
PNEC: Predicted No Effect Concentration
ATE: Acute toxicity estimate
LC50: Lethal concentration, 50%
LD50: Lethal dose, 50%
LL50: Lethal loading, 50%
EL50: Effect loading, 50%
EC50: Effective Concentration 50%
ErC50: Effective Concentration 50%, growth rate
NOEC: No Observed Effect Concentration
BCF: Bio-concentration factor
PBT: persistent, bioaccumulative, toxic
vPvB: very persistent, very bioaccumulative
ADR: Accord européen sur le transport des marchandises dangereuses par Route
(European Agreement concerning the International Carriage of Dangerous Goods by Road)
RID: Regulations concerning the international carriage of dangerous goods by rail
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
(Accord européen relatif au transport international des marchandises dangereuses par voies de navigation intérieures)
IMDG: International Maritime Code for Dangerous Goods
EmS: Emergency Schedules
MFAG: Medical First Aid Guide
IATA: International Air Transport Association
ICAO: International Civil Aviation Organization
MARPOL: International Convention for the Prevention of Marine Pollution from Ships
IBC: Intermediate Bulk Container
VOC: Volatile Organic Compounds
SVHC: Substance of Very High Concern

Further Information

This recommendation is only valid for the product mentioned in the safety data sheet and provided by us and for the application specified by us.
Moreover, national legislation has to be obeyed!
These data describe only the safety requirements for the product(s) and are based on our present knowledge. However, they do not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)