

Safety data sheet

according to Regulation (EC) No. 1907/2006



Trade name: Fire protection cushions PYROBAG

Created on: 23.10.2015 Changed on: 22.07.2022

Version: 1.0 Replaces version: -

Number of pages: 10

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: Fire protection cushion PYROBAG
Item number: 7202709, 7202725, 7202741
Type: KBK-1, KBK-2, KBK-3

1.2 Relevant identified uses of the substance or mixture and uses we would not recommend

Use of the Sub-stance/Mixture

fire prevention

1.3 Details on the supplier providing the safety data sheet

Manufacturer/supplier

OBO Bettermann Holding GmbH & Co. KG
P.O. Box 1220
58710 Menden
Germany

Division providing information

Customer Service
Tel.: +49 2373 89 - 17 00
E-Mail: info@obo.de

1.4 Emergency telephone number

REACH Registration of Chemicals GmbH
Tel.: +49 (0)700 24112112 (OBO)
Tel.: +1 872 5888271 (OBO)

2. Hazards identification

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)
Not a hazardous substance or mixture.

2.2 Label elements

Labeling (REGULATION (EC) No 1272/2008)
Not a hazardous substance or mixture.

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

No specific dangers known, if the regulations/notes for storage and handling are considered.

3. Composition/information on ingredients

3.1 Substances

not applicable

3.2 Mixtures

Chemical nature: Article

Components

Remarks : No hazardous ingredients

4. First aid measures

4.1 Description of first-aid measures

General advice

If adverse health effects develop seek medical attention.

If inhaled

If difficulties occur after dust has been inhaled, remove to fresh air and seek medical attention.

In case of skin contact

Wash thoroughly with soap and water

In case of eye contact

Wash affected eyes for at least 15 minutes under running water with eyelids held open.

If swallowed

Rinse mouth and then drink 200-300 ml of water.

4.2 Most important symptoms and effects, both acute and delayed

None known.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water spray
Foam
Dry powder
Carbon dioxide (CO₂)

Unsuitable extinguishing media

water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during fire fighting:

Evolution of fumes/fog.
Burning produces harmful and toxic fumes.

Hazardous combustion products:

harmful vapours
carbon oxides
nitrogen oxides

5.3 Advice for firefighters

Special protective equipment for fire-fighters:

Wear a self-contained breathing apparatus.

Further information:

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.
Cool endangered containers with water-spray.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions:

Use personal protective clothing.
Information regarding personal protective measures, see section 8.

6.2 Environmental precautions

Do not discharge into drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up:

Pick up with suitable appliance and dispose of.
Dispose of absorbed material in accordance with regulations.

6.4 Reference to other sections

See sections: 7, 8, 11, 12 and 13.

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling:

No special measures necessary provided product is used correctly.

Advice on protection against fire and explosion:

The product is neither self-ignitable, nor an explosion hazard, nor does it promote fires. No special precautions necessary.

Hygiene measures:

No eating, drinking, smoking or tobacco use at the place of work. Hands and/or face should be washed before breaks and at the end of the shift. Store work clothing separately.

7.2 Conditions for safe storage, including any incompatibilities

Further information on storage conditions:

Store in a dry place.

Advice on common storage:

Segregate from foodstuffs.

Further information on storage stability:

No specific storage temperature specified.

7.3 Specific end use(s)

For the relevant identified use(s) listed in Section 1 the advice mentioned in this section 7 is to be observed.

8. Exposure controls/personal protection

8.1 Control parameters

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Personal protective equipment

Eye/face protection



Safety glasses with side-shields (frame goggles) (e.g. EN 166)

Hand protection



Chemical resistant protective gloves (EN 374)

Skin and body protection



Body protection must be chosen based on level of activity and exposure.

Atemschutz

Breathing protection if breathable aerosols/dust are formed.

Filtertype: Particle filter with low efficiency for solid particles (e.g. EN 143 or 149, Type P1 or FFP1) (Particle filter EN 143 P1)

Protective measures

Handle in accordance with good building materials hygiene and safety practice.

Wearing of closed work clothing is recommended.

9. Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Physical state:	solid in various forms
Color:	various colours
Odor:	faint odour
Melting point :	unmeasurable
Boiling point:	unmeasurable
Flammability:	Not applicable
Upper explosion limit / Upper flammability limit:	Not applicable
Lower explosion limit / Lower flammability limit:	Not applicable
Flash point:	Not applicable
Decomposition temperature:	No decomposition if stored and handled as prescribed/indicated.
pH:	Not applicable
Viscosity	
Viscosity, dynamic:	Not applicable
Solubility(ies)	
Water solubility:	Not applicable
Partition coefficient:	
noctanol/water:	Not applicable
Vapor pressure:	Not applicable
Density:	Not applicable
Bulk density:	Not applicable
Relative vapor density:	Not applicable

9.2 Other information

Explosives:	Not explosive
Oxidizing properties:	not fire-propagating
Self-ignition:	not self-igniting
Self-heating substances:	Not applicable
Metal corrosion rate:	Corrosive effects to metal are not anticipated.
Temperature of polymerization (SAPT):	Study scientifically not justified.
Evaporation rate:	Not applicable

10. Stability and reactivity**10.1 Reactivity**

No hazardous reactions if stored and handled as prescribed/indicated.

10.2 Chemical stability

The product is stable if stored and handled as prescribed/indicated.

10.3 Possibility of hazardous reactions

Hazardous reactions

No hazardous reactions if stored and handled as pre-scribed/indicated.

10.4 Conditions to avoid

See SDS section 7 - Handling and storage.

10.5 Incompatible materials

Materials to avoid

None known during use and storage if used according to in-structions.

10.6 Hazardous decomposition products

No hazardous decomposition products if stored and handled as prescribed/indicated.

11. Toxicological information

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

Acute toxicity

Not classified based on available information.

Skin corrosion/irritation

Not classified based on available information.

Serious eye damage/eye irritation

Not classified based on available information.

Respiratory or skin sensitization

Skin sensitization

Not classified based on available information.

Respiratory sensitization

Not classified based on available information.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

STOT-single exposure

Not classified based on available information.

STOT-repeated exposure

Not classified based on available information.

Aspiration toxicity

Not classified based on available information.

Product:

No data available.

11.2 Information on other hazards

Endocrine disrupting properties

Product:

Assessment: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Further information

Product:

Remarks: Health injuries are not known or expected under normal use.

12. Ecological information

12.1 Toxicity

Product:

Ecotoxicology Assessment

Acute aquatic toxicity: This product has no known ecotoxicological effects.

Chronic aquatic toxicity: This product has no known ecotoxicological effects.

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment: This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Endocrine disrupting properties

Product:

Assessment: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

Product:

Additional ecological information: Do not allow to enter soil, waterways or waste water channels.

13. Disposal considerations

13.1 Waste treatment methods

Product

Observe national and local legal requirements.

14. Transport information

14.1 UN number or ID number

ADN: Not regulated as a dangerous good
ADR: Not regulated as a dangerous good
RID: Not regulated as a dangerous good
IMDG: Not regulated as a dangerous good
IATA: Not regulated as a dangerous good

14.2 UN proper shipping name

ADN: Not regulated as a dangerous good
ADR: Not regulated as a dangerous good
RID: Not regulated as a dangerous good
IMDG: Not regulated as a dangerous good
IATA: Not regulated as a dangerous good

14.3 Transport hazard class(es)

ADN: Not regulated as a dangerous good
ADR: Not regulated as a dangerous good
RID: Not regulated as a dangerous good
IMDG: Not regulated as a dangerous good
IATA: Not regulated as a dangerous good

14.4 Packing group

ADN: Not regulated as a dangerous good
ADR: Not regulated as a dangerous good
RID: Not regulated as a dangerous good
IMDG: Not regulated as a dangerous good
IATA (Cargo): Not regulated as a dangerous good
IATA (Passenger): Not regulated as a dangerous good

14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precautions for user

Not applicable

14.7 Maritime transport in bulk according to IMO instruments

Not applicable for product as supplied.

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mix-ture

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles (Annex XVII):

Not applicable

REACH - Candidate List of Substances of Very High Concern for Authorization (Article 59):

Not applicable

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer:

Not applicable

Regulation (EU) 2019/1021 on persistent organic pollutants (recast):

Not applicable

REACH - List of substances subject to authorisation (Annex XIV):

Not applicable

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.

Not applicable

Water hazard class (Germany):

Remarks: Not applicable

Other regulations:

If other regulatory information applies that is not already provided elsewhere in this safety data sheet, then it is described in this subsection.

15.2 Chemical Safety Assessment

Chemical Safety Assessment not required

16. Other information

Full text of other abbreviations

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Test-ing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - substance of very high concern; TCSI - Taiwan Chemical Substance Inventory; TECI - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

Further information

Other information: Any other intended applications should be discussed with the manufacturer.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

Department issuing data sheet

Technical Documentation