

Safety data sheet

according to Directive (EC) no. 1907/2006 and Directive (EU)
no. 453/2010 (REACH)



Handelsname: Fire insulation
PYROPLUG® Block, PYROPLUG® Peg

Created on: 07.02.2011 Changed on: 28.04.2023

Version: 5.2 Replaces version: 5.1

Number of pages: 9

1. Designation of the substance of the mixture and the company

1.1 Product identifier

Trading name: Schaumblock PYROPLUG® Block , Vakuumblock PYROPLUG® Block, Stopfen PYROPLUG® Peg

Type and article number: Block FBA-B (art.-no. 7202505). and FBA-BV (art.-no. 7202515),
Peg FBA-SN (7202 553/557/ 561/ 565/ 569/ 573/ 577/ 581)

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

Relevant identified uses

Fire protection material
For industrial and commercial use only.

Uses advised against

No information available.

1.3 Details of the supplier of the safety data sheet

Manufacturer/supplier

OBO Bettermann Holding GmbH & Co. KG
P.O. Box 1120
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

Article not subject to hazard labelling or classification.

2.2 Label elements

Labelling (CLP)

not applicable

2.3 Other hazards

Handling and/or processing of this material may generate a dust which can cause mechanical irritation of the eyes, skin, nose and throat. Persons already sensitised to diisocyanates may develop allergic reactions when using this product.

Endocrine disrupting properties, Results of PBT and vPvB assessment:

No data available

3. Composition/information on ingredients

3.1 Substances

not applicable

3.2 Mixtures

Chemical characterisation:

Reaction product of polyether polyol and isocyanates with additives

Hazardous ingredients:

Identifiers	Designation	Content	Classification
EG-No. 203-615-4 CAS 108-78-1	Melamine (SVHC)	< 5 %	Carc. 2; H351. Repr. 2; H361f. STOT RE 2; H373.

Full text of H- and EUH-statements:

see section 16.

Additional information:

Contains the following substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH: Melamine (Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health); Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment))

4. First aid measures

4.1 Description of first aid measures

In case of inhalation

Move victim to fresh air; if necessary, provide artificial respiration or oxygen. In the event of discomfort seek medical treatment.

Following skin contact

Take off contaminated clothing and wash it before reuse. After contact with skin, wash immediately with soap and plenty of water. In case of skin reactions, consult a physician.

After eye contact

Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. Subsequently consult an ophthalmologist.

After swallowing

Rinse mouth. Do not induce vomiting. Immediately get medical attention.

4.2 Most important symptoms and effects, both acute and delayed

Handling and/or processing of this material may generate a dust which can cause mechanical irritation of the eyes, skin, nose and throat.

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 jet, foam, extinguishing powder, carbon dioxide.

Extinguishing media which must not be used for safety reasons

Full water jet

5.2 Special hazards arising from the substance or mixture

May form dangerous gases and vapours in case of fire.

5.3 Advice for firefighters

Special protective equipment for firefighters:

Wear self-contained breathing apparatus and protective clothing to protect skin and eyes.

Additional information:

Do not allow water used to extinguish fire to enter drains, ground or waterways.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Provide adequate ventilation. Avoid generation of dust. Do not breathe dust.
For mechanical processing: Wear appropriate protective equipment. Take off contaminated clothing and wash it before reuse.

6.2 Environmental precautions

Do not allow to penetrate into soil, waterbodies or drains.

6.3 Methods and material for containment and cleaning up

Take up mechanically, placing in appropriate containers for disposal. Final cleaning.

6.4 Reference to other sections

Refer additionally to section 8 and 13.

7. Handling and storage

7.1 Precautions for safe handling

Advices on safe handling:

Provide adequate ventilation, and local exhaust as needed.

Avoid generation of dust. Do not breathe dust.

For mechanical processing: Wear appropriate protective equipment. Take off

contaminated clothing and wash it before reuse.
Have eye wash bottle or eye rinse ready at work place.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers

Store in a cool dry place. Protect from humidity.

Hints on joint storage:

Keep away from food, drink and animal feedingstuffs.

7.3 Specific end use(s)

Observe instructions for use.

8. Exposure controls/personal protection

8.1 Control parameters

Additional information

Contains no substances with occupational exposure limit values.

8.2 Exposure controls

Provide good ventilation and/or an exhaust system in the work area.

Personal protection equipment

Occupational exposure controls:

Respiratory protection:



With the formation of dust, use a dust mask. The filter class must be suitable for the maximum contaminant concentration (gas/vapour/aerosol/particulates) that may arise when handling the product.

Hand protection:



Protective gloves according to EN 374. Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection:



Tightly sealed goggles according to EN ISO 16321-1:2022.

Body protection:



Wear suitable protective clothing.

General protection and hygiene measures:

Avoid generation of dust. Do not breathe dust. When using do not eat, drink or smoke.
Wash hands before breaks and after work. Take off contaminated clothing and wash it before reuse.
Have eye wash bottle or eye rinse ready at work place.

Environmental exposure controls

Refer to „6.2 Environmental precautions“.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state at 20 °C and 101.3 kPa:	solid
Form:	Flexible foam, elastic
Colour:	No data available
Odour:	No data available
Odour threshold:	No data available
Melting point/freezing point:	No data available
Initial boiling point and boiling range:	No data available
Flammability:	No data available
Upper/lower flammability or explosive limits:	No data available
Flash point/flash point range:	Not applicable
Decomposition temperature:	No data available
pH:	Not applicable
Viscosity, kinematic:	No data available
Solubility:	No data available
Partition coefficient: n-octanol/water:	No data available
Vapour pressure:	No data available
Density:	180 - 750 kg/m ³
Vapour density:	No data available
Particle characteristics:	No data available

9.2 Other information

Explosive properties:	No data available
Oxidizing characteristics:	none
Auto-ignition temperature:	No data available
Evaporation rate:	No data available
Additional information:	No data available

10. Stability and reactivity

10.1 Reactivity

Refer to subsection „Possibility of hazardous reactions“.

10.2 Chemical stability

Stable under recommended storage conditions.

10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4 Conditions to avoid

Protect from humidity.

10.5 Incompatible materials

None known

10.6 Hazardous decomposition products

No hazardous decomposition products when regulations for storage and handling are observed.

Thermal decomposition:

No data available

11. Toxicological information

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

Toxicological effects:

Acute toxicity (oral):	Lack of data.
Acute toxicity (dermal):	Lack of data.
Acute toxicity (inhalative):	Lack of data.
Skin corrosion/irritation:	Lack of data.
Serious eye damage/irritation:	Lack of data.
Sensitisation to the respiratory tract:	Lack of data.
Skin sensitisation:	Lack of data.
Germ cell mutagenicity/Genotoxicity:	Lack of data.
Carcinogenicity:	Lack of data.
Reproductive toxicity:	Lack of data.
Effects on or via lactation:	Lack of data.
Specific target organ toxicity (single exposure):	Lack of data.
Specific target organ toxicity (repeated exposure):	Lack of data.
Aspiration hazard:	Lack of data.

11.2 Information on other hazards

Endocrine disrupting properties:

No data available

Symptoms

Handling and/or processing of this material may generate a dust which can cause mechanical irritation of the eyes, skin, nose and throat.

12. Ecological information

12.1 Toxicity

Further details:

No data available

12.2 Persistence and degradability

Further details:

No data available

12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water:

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Endocrine disrupting properties

No data available

12.7 Other adverse effects:

Do not allow to enter into ground-water, surface water or drains.

13. Disposal considerations

13.1 Waste treatment methods

Product

Waste key number: 08 04 10 = waste adhesives and sealants other than those mentioned in 08 04 09.

Recommendation: Dispose of waste according to applicable legislation.

Package

Recommendation: Dispose of waste according to applicable legislation.
Handle contaminated packages in the same way as the substance itself.
Non-contaminated packages may be recycled.

14. Transport information

14.1 UN number or ID number

ADR/RID, ADN, IMDG, IATA-DGR: not applicable

14.2 UN proper shipping name

ADR/RID, ADN, IMDG, IATA-DGR: Not restricted

14.3 Transport hazard class(es)

ADR/RID, ADN, IMDG, IATA-DGR: not applicable

14.4 Packing group

ADR/RID, ADN, IMDG, IATA-DGR: not applicable

14.5 Environmental hazards

Dangerous for the environment: Substance/mixture is not environmentally hazardous according to the criteria of the UN model regulations.

Marine pollutant - IMDG: no

14.6 Special precautions for user

No dangerous good in sense of these transport regulations.

14.7 Maritime transport in bulk according to IMO instruments

No data available

15. Regulatory information

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

National regulations - EC member states

Further regulations, limitations and legal requirements: Contains the following substances of very high concern (SVHC) which are included in the Candidate List according to Article 59 of REACH: Melamine.

15.2 Chemical Safety Assessment

For this mixture a chemical safety assessment is not required.

16. Other information

Wording of the H-phrases under paragraph 2 and 3:

H351 = Suspected of causing cancer.

H361f = Suspected of damaging fertility.

H373 = May cause damage to organs through prolonged or repeated exposure.

Reason of change:

Changes in section 3: Composition / Information on ingredients

Changes in section 11: Toxicological information

General revision

(Article)

Date of first version:

27/4/2015

Department issuing data sheet:

Technical Documentation

Abbreviations and acronyms:

ADN:	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road
AS/NZS:	Australian Standards/New Zealand Standards
Carc.:	Carcinogenicity
CAS:	Chemical Abstracts Service
CFR:	Code of Federal Regulations
CLP:	Classification, Labelling and Packaging
DMEL:	Derived minimal effect level
DNEL:	Derived no-effect level
EC:	European Community
EN:	European Standard
EQ:	Excepted quantities
IATA:	International Air Transport Association
IATA-DGR:	International Air Transport Association – Dangerous Goods Regulations
IBC Code:	International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
IMDG Code:	International Maritime Dangerous Goods Code
MARPOL:	Maritime Pollution: The International Convention for the Prevention of Pollution from Ships
OSHA:	Occupational Safety and Health Administration
PBT:	Persistent, bioaccumulative and toxic

PNEC:	Predicted no-effect concentration
REACH:	Registration, Evaluation, Authorisation and Restriction of Chemicals
Repr.:	Reproductive toxicity
RID:	Regulations Concerning the International Carriage of Dangerous Goods by Rail
STOT RE:	Specific target organ toxicity - repeated exposure
SVHC:	Substance of very high concern
TRGS:	Technical Rules for Hazardous Substances
TSCA:	Toxic Substance Control Act
vPvB:	Very persistent and very bioaccumulative