Safety data sheet

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

Trading name: Pipe sleeve PYROCOMB®
Pipe sleeve PYROCOMB® Tubes

Created on: 30.09.2011

Changed on: 21.08.2018

Number of pages: 8

1. Material/preparation and company designation

1.1 Product identifier

Trading name: Pipe sleeve PYROCOMB®, Pipe sleeve PYROCOMB® Tubes

Article number: 7202200, 7202201, 7202203, 7202204, 7202205, 7202206, 7202207, 7202208, 7202209, 7202210, 7202212, 7202214, 7202213, 7202215, 7202216, 7202217, 7202218, 7202219, 7202220

Types: TCX-032, TCX-040, TCX-050, TCX-063, TCX-075, TCX-090, TCX-110, TCX-125, TCX-140, TCX-160, TCX-180, TCX-200, TCX-225, TCX-250, TCX-280, TCX-300, TCX-315, TCX-355, TCX-400

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

Fire protection material

Fire protection inulation for electrical installation pipes and combustible waste water pipes.

No other relevant information available.

1.3 Manufacturer/supplier

OBO Bettermann Holding GmbH & Co. KG
P.O. Box 1120
58694 Menden
Germany

1.4 Division providing information

Customer Service
Tel.: +49 2373 89 - 1700
export@obo.de

1.5 Emergency telephone number

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

2. Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

This mixture is not classified as hazardous according to Regulation (EC) No. 1272/2008.

2.2 Label elements

Additional advice on labelling

The product does not require a hazard warning label in accordance with EC directives.

2.3 Other hazards

Do not rub eyes - contains inorganic fillers, which irritate the eyes mechanically like other inert materials.

OPTO 180290

3. Composition/information on ingredients

3.1 Chemical characteristics

Mixtures

3.2 Description

Mixture of inorganic compounds in a polymer matrix.

4. First aid measures

4.1 Description of the first aid measures

General information

The first-aid measures refer to the contact with dust arising during the processing of the product (e.g. sawing, drilling, grinding).

After inhalation

Do not breathe dust. In case of inhaling dust (possibly caused by abrasion) the affected person should be moved into fresh air. In case of unwellness seek medical advice.

After contact with skin

Remove contaminated soaked clothing immediately and dispose of safely. Wash off immediately with soap and plenty of water. Consult a doctor if skin irritation persists.

After contact with eyes

Do not rub eyes - contains inorganic fillers, which irritate the eyes mechanically like other inert materials. Remove contact lens. Rinse thoroughly with plenty of water, also under the eyelids. Summon a doctor immediately.

After ingestion

Rinse out mouth and give plenty of water to drink. Do not induce vomiting. Summon a doctor immediately.

4.2 Most important acute or delayed symptoms and effects

See also chapter: 4.1, 11. Possible symptoms: irritation of skin and the eyes.

4.3 Information for immediate medical aid or special treatment

No data available.

5. Fire protection measures

5.1 Extinguishing media

- Suitable extinguishing media: Product does not burn, fire-extinguishing activitys according to surrounding.
- Unsuitable extinguishing media: Not known.

5.2 Special hazards arising from the substance or mixture

None

5.3 Advice for firefighters

- Protective equipment has to be chosen according to the ambient conditions.
- Additional information: Product itself does not burn.

6. Measures in the case of unintentional release

6.1 Personal precautions, protective equipment and emergency procedures

Avoid the formation and deposition of dust. Do not breathe dust. Use breathing apparatus if exposed to dust.

6.2 Environmental protection measures

Dispose of in closed containers. Do not discharge into the drains/surface waters/ground water.

6.3 Methods and material for retention and cleaning

Do not stir up dust. Pick up mechanically, avoiding dust, and provide disposal in suitable recipients. Must avoid the use of compressed air and sweeping.

6.4 Reference to other sections

Information for personal protective equipment look up chapter 8.

7. Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Ensure adequate ventilation, especially in confined areas. Avoid dust formation.

Advice on protection against fire and explosion

No specific fire preventions necessary. Pay attention to general rules of internal fire prevention.

Further information on handling

Take the usual precautions when handling with chemicals. Wash hands before breaks and at the end of workday. Keep away from food, drink and animal feeding stuffs. Remove contaminated soaked clothing immediately, don`t leave to dry.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and containers:

Protect against physical damage.

Advice on storage compatibility:

Do not store together with food.

Additional information on storage conditions:

Protect from heat and direct solar radiation. Keep from freezing. To be kept tightly closed, in a cool and dry place.

7.3 Specific end use(s)

Fire protection material.

8. Exposure controls/personal protection

8.1 Parameters to be monitored

8.2 Exposure controls

Appropriate engineering controls

Technical and organisational measures must be applied preferentially (personal protection equipment must not be a permanent arrangement). Ensure adequate ventilation, especially in confined areas. Avoid the formation and deposition of dust.

Protective and hygiene measures

Take the usual precautions when handling with chemicals.

Wash hands before breaks and immediately after handling the product . Avoid contact with skin, eyes and clothing. Remove contaminated soaked clothing immediately.

Eye/face protection

Eye wash bottle with pure water (EN 15154).

Tightly fitting goggles (EN 166).

Hand protection

Protective gloves (EN 374) Safety gloves for the site (EN420, Cat. 1 or 2).

Glove material specification [make/type, thickness, permeation time/life, wetting resistance]: Nature latex, 0,6 mm, 480 min., 60 min., i.e. protective glove made by www.kcl.de.

Requirements can vary as a function of the use. Therefore it is necessary to adhere additionally to the recommendations given by the manufacturer of protective gloves.

Skin protection

Wear closed/long working clothes.

Respiratory protection

Breathing apparatus (particle filter P2) only if dust is formed.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

General information

Physical state: Solid matter
Colour: Black
Odour: Faint
pH-value: Not applicable in delivery state

Change in condition

Melting point: Not determined
Initial boiling point and boiling range: Not determined
Flash point: Not applicable
Lower explosion limits: Not determined
Upper explosion limits: Not determined
Density (at 20 °C): approx. 1,20 g/cm³
Water solubility (at 20 °C): insoluble
Solubility in other solvents: Not determined
Ignition temperature: Not applicable
Explosive properties: The product is not explosive.
Decomposition temperature: Not determined
Viscosity:

- Dynamic: Not determined
- Kinematic: Not determined

Oxidizing properties: The product is not self-igniting

9.2 Other data

No other relevant information available.

10. Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

Stable under normal conditions.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

No data available.

10.5 Incompatible materials

No data available.

10.6 Hazardous decomposition products

Carbon monoxide (CO), carbon dioxide (CO2), Hydrocarbon fragments

11. Toxicological data

11.1 Data on toxicological effects

Toxicocinetics, metabolism and distribution

No toxicological data available.

Acute toxicity

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

Irritation and corrosivity

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

Release of dust may result from mechanical processing Dust particles, like other inert materials, are mechanically irritating the eyes. Repeated or prolonged exposure may cause irritation of eyes and skin.

Sensitising effects

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

No sensitizing effect known.

STOT-single exposure

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

Severe effects after repeated or prolonged exposure

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

Carcinogenic/mutagenic/toxic effects for reproduction

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

Aspiration hazard

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

Further information

If appropriately handled and if in accordance with the general hygienic rules, no damages to health have become known.

12. Environmental data

12.1 Toxicity

No data available.

12.2 Persistence and degradability

Not readily degradable.

12.3 Bioaccumulation potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

According to Regulation (EC) No 1907/2006 (REACH) none of the substances, contained in this product are a PBT substance.

12.6 Other adverse effects

Not known.

13. Disposal information

13.1 Waste treatment methodS

Advice on disposal

Disposal in accordance with local regulations.

Waste disposal number of waste from residues/unused products

161106 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; waste linings and refractories; linings and refractories from non-metallurgical processes others than those mentioned in 16 11 05

Contaminated packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

14. Transport information

Land transport (ADR/RID); Marine transport (IMDG); Air transport (ICAO); Inland waterways transport (ADN)

14.1 UN number

Not applicable. No hazardous material as defined by the transport regulations.

14.2 UN proper shipping name

Not applicable. No hazardous material as defined by the transport regulations.

14.3 Transport hazard classes

Not applicable. No hazardous material as defined by the transport regulations.

14.4 Packaging group

Not applicable. No hazardous material as defined by the transport regulations.

14.5 Environmental hazards:

Not applicable. No hazardous material as defined by the transport regulations.

14.6 Special precautions for user

Not applicable. No hazardous material as defined by the transport regulations.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable. No hazardous material as defined by the transport regulations.

15. Legal specification

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

EU regulatory information

2004/42/EC (VOC): < 1 %

National regulatory information

Water contaminating class (D): 1 - slightly water contaminating

15.2 Chemical safety assessment

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

16. Other data

Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route

RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses

ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure IMDG = International Maritime Code for Dangerous Goods

IATA/ICAO = International Air Transport Association / International Civil Aviation Organization

MARPOL = International Convention for the Prevention of Pollution from Ships

DOT = Department of Transportation

TDG = Transport of Dangerous Goods

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

REACH = Registration, Evaluation, Authorization and Restriction of Chemicals

CAS = Chemical Abstract Service

EN = European norm

ISO = International Organization for Standardization

DIN = Deutsche Industrie Norm

PBT = Persistent Bioaccumulative and Toxic

vPvB = Very Persistent and very Bio-accumulative

LD = Lethal dose

LC = Lethal concentration

EC = Effect concentration

IC = Median immobilisation concentration or median inhibitory concentration

Further Information

Data of items 4 to 8, as well as 10 to 12, do partly not refer to the use and the regular employing of the product (in this sense consult information on use and on product), but to liberation of major amounts in case of accidents and irregularities.

The information describes exclusively the safety requirements for the product(s) and is based on the present level of our knowledge.

The delivery specifications are contained in the corresponding product sheet.

This data does not constitute a guarantee for the characteristics of the product(s) as defined by the legal warranty regulations.

(n.a. = not applicable; n.d. = not determined)