

# Safety data sheet

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



Trading name: Cable bandage PYROWRAP

Created on: 14.06.2018

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## 1. Material/preparation and company designation

### 1.1 Product identifier

Trading name: Cable bandage PYROWRAP

Article number: 7203170, 7203160, 7203150

Type: FSB-WLS, FSB-WB, FSB-WB-BS

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

Fire protection material

Fire protection jacketing to prevent fire spreading via cables and cable support systems.

### 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

### Classification

This product is not classified as hazardous material acc. to Directive 1999/45/EC.

**Hazard to human and environment: -**

**Additional information: -**

## 3. Composition/information on ingredients

### 3.1 Chemical characterisation: Preparation

#### Chemical characterization

Fibre glass reinforcement with an intumescent coating

Name	CAS-No	EINECS	Symbols	Concentration
	-	-	-	-

## 4. First aid measures

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### 4.1 Description of the first aid measures

**General information:** -

**After inhalation:** -

**After contact with skin:** -

**After contact with eyes:** -

**After swallowing:**

Obtain medical advice

## 5. Firefighting measures

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### 5.1 Extinguishing media

**Suitable extinguishing agents**

Foam, carbon dioxide, extinguishing powder, water spray

**Extinguishing media which must not be used for safety reasons**

Never use full water jet

### 5.2 Special exposure hazards

- Remove affected container from danger zone. Pay attention on self-protection!
- Increase in pressure, danger of bursting or explosion because of heating.
- Forming of dangerous gases / vapours is possible in case of a fire in the surroundings too (see section 10).

### 5.3 Advice for firefighters

- Use self-contained breathing apparatus when right next to the fire or in closed rooms.
- Clean equipment after use (Shower, clean and check clothing carefully).

### 5.4 Further precautions

Keep use of water under control according to possible environmental endangering (see section 6).

## 6. Measures in the case of unintentional release

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### 6.1 Personal precautions, protective equipment and emergency procedures

Local skin irritation possible

### 6.2 Environmental protection measures: -

### 6.3 Methods and material for retention and cleaning

Sweep together and dispose of correctly.

## 7. Handling and storage

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### 7.1 Precautions for safe handling: -

### 7.2 Conditions for safe storage, including any incompatibilities

At temperature  $\leq 50$  °C

### 7.3 Specific end use(s): -

No further relevant information available.

### 7.4 Further precautions: -

## 8. Exposure controls/personal protection

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**Occupational exposure controls**

Respiratory protection: -

Hand protection: -

Eye protection: -

Skin protection: -

Hygiene measures:

- See also first aid measures (4).
- Do not eat, drink or smoke while working.
- After work wash uncovered parts of the body with water and soap.

Limitation and control of environmental exposures: -

## 9. Physical and chemical properties

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### 9.1 Information on basic physical and chemical properties

#### Appearance:

flexible

Colour: grey/anthrazit; grey/red; grey/black

self-adhesive film/anthrazit; self-adhesive film/red; self-adhesive film /black

Odour: odourless

#### Important health, safety and environmental information

pH-value: Not determined

Boiling point: -

Flash point: -

Flammability: -

Explosion hazard: -

Density:

- 700 – 2.650 g/m<sup>2</sup> (PYROWRAP FSB-WB)
- 1.580 – 1.950 g/m<sup>2</sup> (PYROWRAP FSB-WB-BS)
- 900 – 1.100 g/m<sup>2</sup> (PYROWRAP Wet FSB-WLS)

Vapour pressure: -

Solubility: -

Partition coefficient: (n-octanol/water): Reinforcement: insoluble / Intumescent Paint: swelling

#### Other information

Melting point/range: -

Viscosity: -

## 10. Stability and reactivity

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#### Conditions to avoid

Extreme heat and low temperatures.

#### Materials to avoid: -

#### Hazardous decomposition products

At high temperatures forming of carbon monoxide, carbon dioxide, oxides of nitrogen and ammonia possible.

## 11. Toxicological data

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#### Acute Toxicity

No acute toxicity known.

#### Irritation

Fine dust can cause local skin irritations

**Sensitization:** ---

**Chronic exposure:** ---

**Carcinogenicity:** ---

**Mutagenicity and reproduction toxicity:** ---

**Other observations:** -

## 12. Environmental data

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**Acute ecotoxicity:** ---

**Mobility:** ---

**Persistence and degradability:** ---

**Bioaccumulation:** ---

**Ecotoxicological valuation:** ---

## 13. Disposal information

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**Waste treatment methods**

**Waste handling**

EAK.: 080112

**Packaging handling**

Dispose according to official regulations.

## 14. Transport information

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**Land transport (ADR/RID)**

Not restricted according to transport regulations

**Sea transport (IMDG)**

Not restricted according to transport regulations

**Air transport (ICAO/ IATA)**

Not restricted according to transport regulations

## 15. Legal specification

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**EC labelling**

Contains: ---

Symbols: ---

**National regulations**

WGK= 1

## 16. Other data

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**Sources of information**

Regulation (EC) No 1907/2006 (REACH) in valid version

National exposure limit value lists in valid version

Transport regulations acc. to ADR, RID, IMDG, IATA in valid version

Information from suppliers