

# Safety data sheet

according to Directive (EC) no. 1907/2006, Article 31



Trading name: Elec. insulation + sealing kit

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## 1. Material/preparation and company designation

### 1.1 Product identifier

Trading name: Elec. insulation + sealing kit

Article number: 2340038

Type: 115 GR-GN

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

Sealing material for water and airtight protection of moisture and corrosion sensitive

### 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 (24-hour advice in German and English)

REACH Registration of Chemicals GmbH

Tel.: +49 (0)700 24112112 (OBO)

Tel.: +1 872 5888271 (OBO)

## 2. Possible risks

### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) No 1272/2008**

The product is not classified, according to the CLP regulation. This is a voluntary safety data sheet.

### 2.2 Label elements

**Labelling according to Regulation (EC) No 1272/2008:** Void

**Hazard pictograms:** Void

**Signal word:** Void

**Hazard statements:** Void

### 2.3 Other hazards

**Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

### 3. Composition/details of component parts

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3.1 -

#### 3.2 Mixtures

**Description:** Mixture of substances listed below with nonhazardous additions.

**Dangerous components:** Void

**Additional information:** For the wording of the listed hazard phrases refer to section 16.

### 4. First aid measures

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#### 4.1 Description of the first aid measures

**General information:** No special measures required.

**After inhalation:** Supply fresh air; consult doctor in case of complaints.

**After skin contact:** Generally the product does not irritate the skin.

**After eye contact:** Rinse opened eye for several minutes under running water.

**After swallowing:** If symptoms persist consult doctor.

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

No further relevant information available.

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

No further relevant information available.

### 5. Fire protection measures

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#### 5.1 Extinguishing media

**Suitable extinguishing agents:** Use fire extinguishing methods suitable to surrounding conditions.

#### 5.2 Special hazards arising from the substance or mixture

No further relevant information available.

#### 5.3 Advice for firefighters

**Protective equipment:** No special measures required.

### 6. Measures in the case of unintentional release

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

Not required.

#### 6.2 Environmental precautions:

Do not allow to enter sewers/ surface or ground water.

#### 6.3 Methods and material for containment and cleaning up:

Pick up mechanically.

#### 6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

### 7. Handling and storage

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#### 7.1 Precautions for safe handling No special measures required.

Information about fire - and explosion protection: No special measures required.

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

**Storage:**

**Requirements to be met by storerooms and receptacles:** No special requirements.

**Information about storage in one common storage facility:** Not required.

**Further information about storage conditions:** None.

**Storage class:** 11

### 7.3 Specific end use(s)

No further relevant information available.

## 8. Exposure controls/personal protection

### 8.1 Control parameters

| <b>Ingredients with limit values that require monitoring at the workplace:</b>                  |  |
|---|--|
| <b>7727-43-7 barium sulphate, natural (&gt;25–≤50%)</b>   |  |
| AGW (Germany)   | Long-term value: 1,25* 10** mg/m <sup>3</sup><br>2(II);*alveolengängig**eintembar; AGS, DFG, Y |
| <b>9003-29-6 Polybuten (Isobutylene-/Buten-Copolymer (&gt;10–≤25%))</b>                         |  |
| MAK (Germany)   | vgl. Abschn. IIb und Xc  |
| <b>14807-96-6 Talc (Mg<sub>3</sub>H<sub>2</sub>(SiO<sub>3</sub>)<sub>4</sub>) (&gt;10–≤25%)</b> |  |
| MAK (Germany)   | asbestfaserfrei, alveolengängige Fraktion  |

**Additional information:** The lists valid during the making were used as basis.

### 8.2 Exposure controls

#### Appropriate engineering controls

No further data; see section 7.

#### Individual protection measures, such as personal protective equipment

##### General protective and hygienic measures:

The usual precautionary measures are to be adhered to when handling chemicals.

##### Respiratory protection

Not required.

##### Hand protection

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

##### Material of gloves

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

##### Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

##### Eye/face protection

Not required.

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### General information

**Physical state:** Solid

**Colour:** Dark grey

**Odour:** Characteristic

**Odour threshold:** Not determined.

**Melting point/freezing point:** Undetermined.

**Boiling point or initial boiling point and boiling range:** >100 °C (Mexphalte)

**Flammability:** Not determined.

**Lower and upper explosion limit**

Lower: Not determined.

Upper: Not determined.

**Flash point:** > 250 °C (Mexphalte)

**Decomposition temperature:** Not determined.

**pH:** Not applicable.

**Viscosity:**

**Kinematic viscosity:** Not applicable.

**Dynamic:** Not applicable.

**Solubility water:** Insoluble.

**Partition coefficient n-octanol/water (log value):** Not determined.

**Vapour pressure:** Not applicable.

**Density and/or relative density**

Density at 20 °C: 1,6 g/cm<sup>3</sup>

Relative density Not determined.

Vapour density Not applicable.

**Particle characteristics**

See section 3.

## 9.2 Other information

**Appearance**

Form: Solid

**Important information on protection of health and environment, and on safety**

**Ignition temperature:** Product is not selfigniting.

**Explosive properties:** Product does not present an explosion hazard.

**Solvent content**

Solids content: 100,0 %

**Change in condition**

Evaporation rate Not applicable.

**Information with regard to physical hazard classes**

**Explosives:** Void

**Flammable gases:** Void

**Aerosols:** Void

**Oxidising gases:** Void

Gases under pressure: Void

**Flammable liquids:** Void

**Flammable solids:** Void

**Self-reactive substances and mixtures:** Void

**Pyrophoric liquids:** Void

**Pyrophoric solids:** Void

**Self-heating substances and mixtures:** Void

**Substances and mixtures, which emit flammable gases in contact with water:** Void

**Oxidising liquids:** Void

**Oxidising solids:** Void

**Organic peroxides:** Void

**Corrosive to metals:** Void

**Desensitised explosives:** Void

## 10. Stability and reactivity

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**10.1 Reactivity** No further relevant information available.

**10.2 Chemical stability**

**Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

**10.3 Possibility of hazardous reactions**

No dangerous reactions known.

**10.4 Conditions to avoid:**

No further relevant information available.

**10.5 Incompatible materials:**

No further relevant information available.

**10.6 Hazardous decomposition products:**

No dangerous decomposition products known.

## 11. Toxicological data

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

**Acute toxicity**

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

**Skin corrosion/irritation**

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

**Serious eye damage/irritation**

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

**Respiratory or skin sensitisation**

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

**Germ cell mutagenicity**

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

**Carcinogenicity**

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

**Reproductive toxicity**

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

**STOT-single exposure**

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

**STOT-repeated exposure**

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

**Aspiration hazard**

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

**11.2 Information on other hazards**

**Endocrine disrupting properties**

None of the ingredients is listed.

## 12. Environmental data

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**12.1 Toxicity**

**Aquatic toxicity**

No further relevant information available.

**12.2 Persistence and degradability**

No further relevant information available.

### 12.3 Bioaccumulative potential

No further relevant information available.

### 12.4 Mobility in soil

No further relevant information available.

### 12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

### 12.6 Endocrine disrupting properties

The product does not contain substances with endocrine disrupting properties.

### 12.7 Other adverse effects

#### Additional ecological information:

#### General notes:

Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

## 13. Disposal information

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### 13.1 Waste treatment methods

#### Recommendation

Smaller quantities can be disposed of with household waste.

#### Uncleaned packaging:

**Recommendation:** Disposal must be made according to official regulations.

## 14. Transport information

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### 14.1 UN number or ID number

ADR, IMDG, IATA: not regulated

### 14.2 UN proper shipping name

ADR, IMDG, IATA: not regulated

### 14.3 Transport hazard class(es)

ADR, ADN, IMDG, IATA: Class not regulated

### 14.4 Packing group

ADR, IMDG, IATA: not regulated

### 14.5 Environmental hazards: Not applicable.

### 14.6 Special precautions for user: Not applicable.

### 14.7 Maritime transport in bulk according to

IMO instruments: Not applicable.

UN "Model Regulation": Not regulated

## 15. Legal specification

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

#### Directive 2012/18/EU

#### Named dangerous substances - ANNEX I

None of the ingredients is listed.

#### DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

None of the ingredients is listed.

**REGULATION (EU) 2019/1148**

**Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

**Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

**Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

**Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

**National regulations:**

**Waterhazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.

**15.2 Chemical safety assessment**

A Chemical Safety Assessment has not been carried out.

**16. Other data**

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This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

**Abbreviations and acronyms**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

**Data sheet of issuing area**

Technical documentation