

Trade name: Pelikan Sealing wax

Current version : 3.0.1, issued: 24.02.2017

Replaced version: 3.0.0, issued: 10.08.2015

Region: GB

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name

Pelikan Sealing wax

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

Relevant identified uses of the substance or mixture

Sealing

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet

Address

Pelikan Vertriebsgesellschaft mbH & Co. KG

Postfach 11 07 55

30102 Hannover

GERMANY

Telephone no. +49 (0) 511 69 69 - 0

Information provided by / telephone

Product Safety 030-4393-0 (8:30 to 16:30)

Advice on Safety Data Sheet

sdb_info@umco.de

1.4 Emergency telephone number

Giftnotruf Berlin +49 (0) 30 30 686 - 790 (24h)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 (CLP)

Skin Sens. 1; H317

Classification information

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)

Hazard pictograms



GHS07

Signal word

Warning

Hazardous component(s) to be indicated on label:

Colophony

Oil of turpentine

Hazard statements

H317

May cause an allergic skin reaction.

Hazard statements (EU)

EUH208

Contains maleic-anhydride. May produce an allergic reaction.

Precautionary statements

P101

If medical advice is needed, have product container or label at hand.

P102

Keep out of reach of children.

P280

Wear protective gloves/protective clothing/eye protection/face protection.

P501

Dispose of contents/container to hazardous or special waste collection point.

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2.3 Other hazards

No data available.

SECTION 3: Composition/information on ingredients**3.1 Substances**

Not applicable. The product is not a substance.

3.2 Mixtures**Chemical characterization**

Sealing wax formulation

Hazardous ingredients

| No | Substance name | Additional information | |
|----|---|--|----------------------|
| | CAS / EC / Index / REACH no | Classification (EC) 1272/2008 (CLP) | Concentration % |
| 1 | Colophony | | |
| | 8050-09-7 232-475-7 650-015-00-7 - | Skin Sens. 1; H317 | 35.00 - 40.00 %-b.w. |
| 2 | Oil of turpentine | | |
| | 8006-64-2 232-350-7 650-002-00-6 - | Acute Tox. 4*; H302 Acute Tox. 4*; H312 Acute Tox. 4*; H332 Aquatic Chronic 2; H411 Asp. Tox. 1; H304 Eye Irrit. 2; H319 Flam. Liq. 3; H226 Skin Irrit. 2; H315 Skin Sens. 1; H317 | 1.50 - 2.00 %-b.w. |
| 3 | maleic-anhydride | | |
| | 108-31-6 203-571-6 607-096-00-9 - | Acute Tox. 4*; H302 Resp. Sens. 1; H334 Skin Corr. 1B; H314 Skin Sens. 1; H317 | 0.10 - 0.50 %-b.w. |
| 4 | CALCIUM SULFATE DIHYDRATE | | |
| | 10101-41-4 - - | - | 30.00 - 35.00 %-b.w. |
| 5 | barium sulfate, natural | | |
| | 7727-43-7 231-784-4 - | - | 10.00 - 15.00 %-b.w. |
| 6 | Limestone | | |
| | 1317-65-3 215-279-6 - | - | 5.00 - 10.00 %-b.w. |

Full Text for all H-phrases and EUH-phrases: pls. see section 16

(*, **, ***, ****) Detailed explanation pls. refer to CLP regulation No. 1272/2008, annex VI, 1.2

SECTION 4: First aid measures**4.1 Description of first aid measures****General information**

In case of persisting adverse effects, consult a physician. Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing.

After inhalation

Ensure supply of fresh air.

After skin contact

Wash off with soap and water. After contact with molten product, cool quickly with cold water. Do not pull solidified product from skin.

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After eye contact

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Seek medical assistance.

After ingestion

Rinse out mouth and let spit out liquid. Give plenty of water to drink. Do not induce vomiting. Call a doctor.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Extinguishing powder; Foam; Carbon dioxide

Unsuitable extinguishing media

No data available.

5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon monoxide (CO); Carbon dioxide (CO₂)

5.3 Advice for firefighters

Use self-contained breathing apparatus. Wear protective clothing.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

No data available. Personal protective equipment (PPE) - see Section 8.

For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions

Do not allow to enter drains or waterways. Do not discharge into the subsoil/soil.

6.3 Methods and material for containment and cleaning up

Take up mechanically. Send in suitable containers for recovery or disposal.

6.4 Reference to other sections

No data available.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

General protective and hygiene measures

Avoid contact with eyes and skin. Avoid contact of molten material with skin.

Advice on protection against fire and explosion

Keep away from sources of ignition - refrain from smoking.

7.2 Conditions for safe storage, including any incompatibilities

Technical measures and storage conditions

Keep dry in a cool, well-ventilated place.

Recommended storage temperature

Value < 38 °C

Requirements for storage rooms and vessels

Keep the product in the original packing.

Advice on storage assembly

Do not store together with foodstuffs. Do not store together with oxidizing agents.

7.3 Specific end use(s)

No data available.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limit values

| No | Substance name | CAS no. | EC no. | | |
|----|---|-------------------|-------------------|-----|-------------------|
| 1 | CALCIUM SULFATE DIHYDRATE | 10101-41-4 | | | |
| | List of approved workplace exposure limits (WELs) / EH40 | | | | |
| | Gypsum | | | | |
| | total inhalable dust | | | | |
| | TWA | 10 | mg/m ³ | | |
| | List of approved workplace exposure limits (WELs) / EH40 | | | | |
| | Gypsum | | | | |
| | respirable dust | | | | |
| | TWA | 4 | mg/m ³ | | |
| 2 | barium sulfate, natural | 7727-43-7 | 231-784-4 | | |
| | List of approved workplace exposure limits (WELs) / EH40 | | | | |
| | Barium sulphate | | | | |
| | respirable dust | | | | |
| | TWA | 4 | mg/m ³ | | |
| | List of approved workplace exposure limits (WELs) / EH40 | | | | |
| | Barium sulphate | | | | |
| | total inhalable dust | | | | |
| | TWA | 10 | mg/m ³ | | |
| 3 | Limestone | 1317-65-3 | 215-279-6 | | |
| | List of approved workplace exposure limits (WELs) / EH40 | | | | |
| | Calcium carbonate | | | | |
| | total inhalable dust | | | | |
| | TWA | 10 | mg/m ³ | | |
| | List of approved workplace exposure limits (WELs) / EH40 | | | | |
| | Calcium carbonate | | | | |
| | respirable dust | | | | |
| | TWA | 4 | mg/m ³ | | |
| 4 | Oil of turpentine | 8006-64-2 | 232-350-7 | | |
| | List of approved workplace exposure limits (WELs) / EH40 | | | | |
| | Turpentine | | | | |
| | STEL | 850 | mg/m ³ | 150 | ml/m ³ |
| | TWA | 566 | mg/m ³ | 100 | ml/m ³ |

8.2 Exposure controls

Appropriate engineering controls

No data available.

Personal protective equipment

Respiratory protection

No special measures required.

Eye / face protection

No special measures required.

Hand protection

No special measures required.

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| Form/Colour |
|-------------|
| solid |
| red |

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| | |
|--|-------------|
| Odour | |
| No data available | |
| Odour threshold | |
| No data available | |
| pH value | |
| No data available | |
| Boiling point / boiling range | |
| No data available | |
| Melting point / melting range | |
| Value | 82 - 102 °C |
| Decomposition point / decomposition range | |
| No data available | |
| Flash point | |
| No data available | |
| Auto-ignition temperature | |
| No data available | |
| Oxidising properties | |
| No data available | |
| Explosive properties | |
| No data available | |
| Flammability (solid, gas) | |
| No data available | |
| Lower flammability or explosive limits | |
| No data available | |
| Upper flammability or explosive limits | |
| No data available | |
| Vapour pressure | |
| No data available | |
| Vapour density | |
| No data available | |
| Evaporation rate | |
| No data available | |
| Relative density | |
| No data available | |
| Density | |
| No data available | |
| Solubility in water | |
| Remarks | immiscible |
| Solubility(ies) | |
| No data available | |
| Partition coefficient: n-octanol/water | |
| No data available | |
| Viscosity | |
| No data available | |

9.2 Other information

| |
|--------------------------|
| Other information |
| No data available. |

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SECTION 10: Stability and reactivity**10.1 Reactivity**

No data available.

10.2 Chemical stability

Stable under recommended storage and handling conditions (See section 7).

10.3 Possibility of hazardous reactions

None, if handled according to order.

10.4 Conditions to avoid

No data available.

10.5 Incompatible materials

Oxidizing agents

10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information**11.1 Information on toxicological effects****Acute oral toxicity (result of the ATE calculation for the mixture)**

| No | Product Name |
|---------|---|
| 1 | Pelikan Sealing wax |
| Remarks | The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE oral > 2000 mg/kg). |

Acute oral toxicity

No data available

Acute dermal toxicity (result of the ATE calculation for the mixture)

| No | Product Name |
|---------|---|
| 1 | Pelikan Sealing wax |
| Remarks | The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE dermal > 2000 mg/kg). |

Acute dermal toxicity

No data available

Acute inhalational toxicity (result of the ATE calculation for the mixture)

| No | Product Name |
|---------|---|
| 1 | Pelikan Sealing wax |
| Remarks | The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE for inhalation: > 20.000 ppmV (gases), > 20 mg/l (vapours), > 5 mg/l (dusts/mists). |

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| |
|--|
| Acute inhalational toxicity |
| No data available |
| Skin corrosion/irritation |
| No data available |
| Serious eye damage/irritation |
| No data available |
| Respiratory or skin sensitisation |
| No data available |
| Germ cell mutagenicity |
| No data available |
| Reproduction toxicity |
| No data available |
| Carcinogenicity |
| No data available |
| STOT-single exposure |
| No data available |
| STOT-repeated exposure |
| No data available |
| Aspiration hazard |
| No data available |

SECTION 12: Ecological information

12.1 Toxicity

| |
|--------------------------------------|
| Toxicity to fish (acute) |
| No data available |
| Toxicity to fish (chronic) |
| No data available |
| Toxicity to Daphnia (acute) |
| No data available |
| Toxicity to Daphnia (chronic) |
| No data available |
| Toxicity to algae (acute) |
| No data available |
| Toxicity to algae (chronic) |
| No data available |
| Bacteria toxicity |
| No data available |

12.2 Persistence and degradability

| Biodegradability | | | |
|------------------|----------------|-----------------------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | Colophony | 8050-09-7 | 232-475-7 |
| | Value | 64 | % |
| | Duration | 28 | day(s) |
| | Method | OECD 301 B | |
| | Evaluation | readily biodegradable | |

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12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Other adverse effects

No data available.

12.7 Other information

Other information

Do not discharge product unmonitored into the environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Smaller quantities can be disposed with household garbage.

Packaging

Residuals must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

SECTION 14: Transport information

14.1 Transport ADR/RID/ADN

The product is not subject to ADR/RID/ADN regulations.

14.2 Transport IMDG

The product is not subject to IMDG regulations.

14.3 Transport ICAO-TI / IATA

The product is not subject to ICAO-TI / IATA regulations.

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

14.6 Special precautions for user

No data available.

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

Not relevant

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SECTION 15: Regulatory information

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

EU regulations

Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, PREPARATIONS AND ARTICLES

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is not subject to Part 1 or 2 of Annex I.

Directive 1999/13/EC on the limitation of emissions of volatile organic compounds due to the use of organic solvents (VOC Directive)

| | | |
|-------------|---|---|
| VOC content | 0 | % |
|-------------|---|---|

Other regulations

Adhere to the national sanitary and occupational safety regulations when using this product.

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

SECTION 16: Other information

Further information

Not suitable for children under 3 years.

Sources of key data used to compile the data sheet:

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EU

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding chapter.

Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)

| | |
|------|--|
| H226 | Flammable liquid and vapour. |
| H302 | Harmful if swallowed. |
| H304 | May be fatal if swallowed and enters airways. |
| H312 | Harmful in contact with skin. |
| H314 | Causes severe skin burns and eye damage. |
| H315 | Causes skin irritation. |
| H319 | Causes serious eye irritation. |
| H332 | Harmful if inhaled. |
| H334 | May cause allergy or asthma symptoms or breathing difficulties if inhaled. |
| H411 | Toxic to aquatic life with long lasting effects. |

Department issuing safety data sheet

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This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

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