


Date of issue: 15.05.2018 Replaces Data Sheet of: ---
 "***" alterations as compared to previous version; n.ap. = not applicable; n.av. = not available



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

- 1.1 **Product identifier**
Trade Name: Pelikan Sealing wax
Article No.: n.av.
Preparation No.: n.av.
Registration No.: n.ap.
- 1.2 **Relevant identified uses of the substance or mixture and uses advised against**
 Identified uses: sealing
- 1.3 **Details of the supplier of the safety data sheet**
- 1.3.1 **Address of the Company / Supplier:**
 Pelikan Vertriebsgesellschaft mbH & Co. KG, Werftstraße 9, D- 30163 Hannover
 Telephone: +49-511-6969-0, Telefax: +49-511-6969-212, E-Mail: info@pelikan.com
- 1.3.2 **Responsible for the data sheet:**
 CoSiChem AG, Ernst-Lemmer-Straße 23, D - 35041 Marburg, info@cosichem.de
- 1.4 **Emergency telephone number**
 Emergency - Telephone of Company / Undertaking Information Centre Specialising in Symptoms of Poisoning
 Telephone: +49-361-730730 (8:30 – 16:30) Telephone: +44 870 600 6266

SECTION 2: Hazards identification

- 2.1 **Classification of the substance or mixture**
 Skin Sens. 1; H317
- 2.2 **Label elements**
 Classification according to 1272/2008/EC: Yes.
 Applicable Exemptions: No.
 Signal word(s): Danger
 Component(s): contains Colophonium, Maleinsäureanhydrid
 Hazard pictogram(s): 
- H - Phrases:**
 H317: May cause an allergic skin reaction.
- P - Phrases:**
 P102: Keep out of reach of children.
 P301+P312: IF SWALLOWED: Call a POISON CENTER/doctor/... if you feel unwell.
- Additional Markings:**
 None.
 The above mentioned labelling is valid for distribution to public use.
- 2.3 **Other hazards**
 This mixture contains no substances which are assessed to be PBT or vPvB.

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

n.ap.

3.2 Mixtures**Chemical Characterisation:**

Colophonium

Dangerous Ingredients:

Material	CAS - No.	Index - No.	EC - No.	REACH - No.	m% - range
Colophonium	8050-09-7	650-015-00-7	232-475-7	n.av.	35 - 40%
8050-09-7 Skin Sens. 1; H317					
Terpentinöl	8006-64-2	650-002-00-6	232-350-7	n.av.	1.5 - 2%
8006-64-2 Flam. Liq. 3; H226 / Acute Tox. 4 *; H332 / Acute Tox. 4 *; H312 / Acute Tox. 4 *; H302 / Asp. Tox. 1; H304 / Eye Irrit. 2; H319 / Skin Irrit. 2; H315 / Skin Sens. 1; H317 / Aquatic Chronic 2; H411					
Maleinsäureanhydrid	108-31-6	607-096-00-9	203-571-6	n.av.	0.1- 0.5%
108-31-6 Acute Tox. 4 *; H302 / Skin Corr. 1; H314 / Resp. Sens. 1; H334 / Skin Sens. 1; H317					

Text of H - phrases: see section 16

m% - range: x - y \triangleq x \geq - < y**SECTION 4: First aid measures****4.1 Description of first aid measures****4.1.1 Inhalation:**

Move to fresh air in case of accidental inhalation of fumes from overheating or combustion.

4.1.2 Skin Contact:

Wash off with soap and water. In the case of skin irritation or allergic reactions see a physician.

4.1.3 Eye Contact:

Rinse immediately with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.

4.1.4 Ingestion:

Do not induce vomiting. Clean mouth with water and afterwards drink plenty of water. If symptoms persist, call a physician.

4.2 Most important symptoms and effects, both acute and delayed

None.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures**5.1 Extinguishing media****5.1.1 Suitable Extinguishing Media:**Use dry chemical, CO₂, water spray or "alcohol" foam.**5.1.2 Extinguishing Media to Avoid:**

None.

5.2 Special hazards arising from the substance or mixture

In the event of fire the following can be released: Carbon oxides

5.3 Advice for firefighters**5.3.1 Special Protective Equipment:**

Wear positive pressure self-contained breathing apparatus. Wear full protective clothing.

5.3.2 Additional Information:

None.

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SECTION 6: Accidental release measures

- 6.1 **Personal precautions, protective equipment and emergency procedures**
See chapter 8.2.2
Provide adequate ventilation.
- 6.2 **Environmental precautions**
Do not allow material to contaminate ground water system. Do not flush into surface water or sanitary sewer system. Local authorities should be advised if significant spillages cannot be contained.
- 6.3 **Methods and material for containment and cleaning up**
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal.
- 6.4 **Reference to other sections**
None.

SECTION 7: Handling and storage

- 7.1 **Precautions for safe handling**
- 7.1.1 **Precautions for Safe Handling:**
When using, do not eat, drink or smoke. Avoid contact with skin and eyes. Wash hands before breaks and at the end of workday.
- 7.1.2 **Precautions in Case of Fire and Explosion:**
Keep away from heat and sources of ignition. Do not smoke. Normal measures for preventive fire protection.
- 7.2 **Conditions for safe storage, including any incompatibilities**
- 7.2.1 **Storage Instructions:**
Keep containers tightly closed in a dry, cool and well-ventilated place. Provide adequate ventilation.
- 7.2.2 **Store away from:**
Incompatible with oxidizing agents.
- 7.2.3 **Further Information on Storage Conditions:**
None.
- 7.3 **Specific end use(s)**
n.av.

SECTION 8: Exposure controls/personal protection

- 8.1 **Control parameters**
- | Material | Limit Value |
|---------------------|---------------------------------------|
| Terpentinöl | III/125; III/126 |
| Maleinsäureanhydrid | AGW: 0,1 ppm 0,41 mg/m ³ |
- 8.2 **Exposure controls**
- 8.2.1 **Appropriate engineering controls**
Keep container tightly closed. Provide appropriate exhaust ventilation at machinery.
- 8.2.2 **Individual protection measures**
- 8.2.2a **Respiratory Protection:** No.
- 8.2.2b **Hand Protection:** Protective gloves complying with EN 374. impervious butyl rubber gloves, Break through time>4h , Glove thickness: 0,4mm
Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time.
- 8.2.2c **Eye Protection:** safety glasses
- 8.2.2d **Skin Protection:** protective suit
- 8.2.2e **Further Information:** Observe wearing time limits: Not relevant
- 8.2.3 **Environmental exposure controls:**
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SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

9.1.1	Form: solid	Colour: red	Odour: n.av.
			Odour threshold: n.av.
9.1.2	pH-value, undiluted:	n.av.	
	pH-value, 1% aqueous solution:	n.av.	
9.1.3	Boiling point / Boiling - range (°C):	n.av., Melting point / Melting range (°C): 82-102	
9.1.4	Flash point (°C):	n.av., closed cup	
9.1.5	Flammability (EEC A10/A13):	n.av.	
9.1.6	Ignition temperature (°C):	n.av.	
9.1.7	Autoflammability (EEC A16):	n.av.	
9.1.8	Oxidising properties:	n.av.	
9.1.9	Explosion hazard:	n.av.	
9.1.10	Explosion limits (Vol.%) lower:	n.av., upper: n.av.	
9.1.11	Vapour pressure:	n.av.	
	Vapour density (Air = 1):	n.av.	
9.1.12	Density (g/ml):	n.av.	
9.1.13	Solubility (in Water):	n.ap.	Soluble in:
9.1.14	Partition coefficient, n-Octanol / Water:	n.av.	
9.1.15	Viscosity:	n.av.	
9.1.16	Solvent content (m %):	n.av.	
9.1.17	Thermal decomposition (°C):	n.av.	
9.1.18	Evaporation rate:	n.av.	
9.2	Other information		
	n.av.		

SECTION 10: Stability and reactivity

10.1	Reactivity
	None.
10.2	Chemical stability
	Stable under recommended storage conditions.
10.3	Possibility of hazardous reactions
	No dangerous reaction known under conditions of normal use.
10.4	Conditions to avoid
	No conditions to be specially mentioned.
10.5	Incompatible materials
	Incompatible with oxidizing agents.
10.6	Hazardous decomposition products
	No decomposition if stored and applied as directed. To avoid thermal decomposition, do not overheat.

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SECTION 11: Toxicological information**11.1 Information on toxicological effects**

Acute Health Effects:

Inhalation: n.av.

Ingestion: n.av.

Skin Contact: n.av.

Skin corrosion / irritation: May cause skin irritation in susceptible persons.

Serious eye damage / irritation: May cause eye irritation with susceptible persons.

Respiratory or skin sensitisation: May cause an allergic skin reaction.

Germ cell mutagenicity: n.av.

Carcinogenicity: n.av.

Reproductive toxicity: n.av.

STOT-single exposure: n.av.

STOT-repeated exposure: n.av.

Aspiration hazard: n.av.

11.1.1 – Practical Experience

11.1.11 n.av.

11.1.12 Practical Experience

Observations relevant for classification:

None.

Further Observations:

Repeated or prolonged exposure may cause skin irritation and dermatitis, due to degreasing properties of the product.

Classification of the preparation has been done by calculation in accordance with EEC directives.

SECTION 12: Ecological information**12.1 Toxicity**

We have no quantitative data concerning the ecological effects of this product.

12.2 Persistence and degradability

Taking into consideration the properties of several components, the product is estimated not to be readily biodegradable according to OECD classification.

12.3 Bioaccumulative potential

Bioaccumulation is unlikely.

12.4 Mobility in soil

n.av.

12.5 Results of PBT and vPvB assessment

According to the results of the evaluation this substance is not PBT or vPvB

12.6 Other adverse effects

12.6.1 COD-Value, mg/g: n.av.

12.6.2 BOD5-Value, mg/g: n.av.

12.6.3 AOX-Remarks: n.av.

12.6.4 Significant Components: None.

12.6.5 Other adverse effects: None.

SECTION 13: Disposal considerations**13.1 Waste treatment methods**

13.1.1 Recommendation: D 10 / R 1

Waste - Code - No.:

The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.

In addition comply with the regional authorities.

13.1.2 Contaminated Packaging

Recommendation: Wash with suitable cleaner. Otherwise as described under Residues. Offer rinsed packaging material to local recycling facilities.

Safe Handling: As described under Residues. Handle in accordance with good industrial hygiene and safety practice.

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SECTION 14: Transport information

	ADR Not a dangerous substance as defined in the above regulations.	IMDG Not a dangerous substance as defined in the above regulations.	IATA Not a dangerous substance as defined in the above regulations.
14.1	UN number		
14.2	UN proper shipping name		
14.3	Transport hazard class(es)		
14.4	Packing group		
14.5	Environmental hazards		
14.6	Special precautions for user		
	Transport category: Classification Code: Hazard - No.: LQ:		Packing Instructions (Passenger) Packing Instructions (Cargo)
14.7	Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code		

SECTION 15: Regulatory information

- 15.1 **Safety, health and environmental regulations/legislation specific for the substance or mixture**
n.av.
- 15.2 **Chemical safety assessment :**
n.ap.

SECTION 16: Other information**Text of H phases mentioned in Section 3**

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.

H317: May cause an allergic skin reaction.

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.

This datasheet has been compiled in accordance with EU regulation 2015/830.

The statements in this Material Safety Data Sheet were made to the best of our knowledge and are as accurate as possible. They are given for information only. They do not constitute a contractual guarantee of a product's properties. They must neither be altered nor transferred to other products.

Prepared by: CoSiChem AG, Ernst-Lemmer-Straße 23, D - 35041 Marburg, info@cosichem.de, +49-6421-886563

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