Voluntary product information based on the format of the safety data sheet

In accordance with the amended version of Regulation (EC) No 1907/2006 (REACH)

Date of amendment: 15.09.2025 Version: 6
Replaces version dated: 22.12.2022 Replaces version: 5

Dental waxes

SECTION 1: Identification of the substance or mixture and of the company

1.1 Product identifier

Product group:	Dental waxes
Trade name:	Wax wire, Perawax, Perawax NEM, TEK-1 WAX, Deiberit, MarmoScan-Wax, wax blocks with and without garland, individual wax teeth, adhesive connections (duplicator matrix, matrix, patrix), Pro-Mod universal modelling wax, Colors modelling wax, Pro-Mod (F-0 + F-1), Pro-Mod VKS, Pro-Mod C Cervical Wax, Technique-Wax Universal Modelling Wax, Blocking Waxes, TOOTH Modelling Wax Molar, Diagnostic Wax, Sticky Sticks, Flexi-Dip and Duro-Dip Dip Wax, Positioning Wax, Bite Rings, Bite Bars

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

Use of the product:	For dental use only.
Uses not recommended:	No information is available.

1.3 Details of the supplier of the safety data sheet

Manufacturer / Supplier:	**SILADENT Dr. Böhme & Schöps GmbH**
Street / PO Box:	Im Klei 26
Country code / Postcode / Town:	DE - 38644 Goslar
Telephone:	0 53 21 / 37 79 – 0
Fax:	0 53 21 / 38 96 32
Email / Website:	info@siladent.de - www.siladent.de
Street / PO Box:	Im Klei 26

1.4 Emergency telephone number

SILADENT Dr. Böhme & Schöps GmbH:	+49 (0) 53 21 / 37 79 - 0 (Mon-Fri 8:00-16:00)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Regulation (EC) No 1272/2008:	The mixture is not classified as hazardous within the meaning of Regulation (EC) No 1272/2008.

2.2 Label elements CLP No 1272/2008/GB CLP -

2.3 Other hazards: No information available.

SECTION 3: Composition/information on ingredients

3.2 Mixture

Description:	Wax
Further information:	No information is available.

SECTION 4: First aid measures

4.1 Description of first aid measures

After inhalation:
Purified wax, or wax containing no oil, has such a low vapour pressure even in its liquefied state that the inhalation of toxicologically relevant components is practically impossible.

After skin contact:
Contact with the molten product may cause burns. Cool immediately with cold water, treat the wound with a sterile dressing if necessary, and seek medical attention.
Absorption of components of the paraffin mixture through the skin when handling solid wax is not expected.

After eye contact:
Rinse thoroughly with plenty of water, seek medical attention (if the wax is hot).

If swallowed:
Rinse mouth – no further action required.
Waxes can be used as ingredients in pharmaceuticals and foodstuffs, so the question of whether small amounts are absorbed from the digestive tract following accidental ingestion is irrelevant.

4.2 Most important symptoms and effects, both acute and delayed
None.

4.3 Indications for immediate medical attention or special treatment

Indication of any immediate medical attention and special treatment needed

None.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media: Dry extinguishing agents. Carbon dioxide (CO_2). Foam. Water spray

Unsuitable extinguishing media: Full-power water jet

5.2 Special hazards arising from the substance or mixture
In the event of a fire, hazardous fumes may be produced: carbon monoxide (CO).

5.3 Advice for firefighters
Adapt extinguishing measures to the surroundings. The product itself does not burn. In the event of a fire: Wear self-contained breathing apparatus.

Additional information:

Fire class B:	Liquid or liquefying substances.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment.

6.2 Environmental precautions

Do not allow to enter drains or watercourses.

6.3 Methods and material for containment and cleaning up

Allow to solidify, then remove mechanically. Avoid dust formation. Collect in suitable, closed containers and take for disposal.

6.4 Reference to other sections

See precautionary measures in sections 7 and 8. Disposal: see section 13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Guidance on safe handling:	See Section 8.
Fire and explosion protection instructions:	No special fire protection measures required.
Further handling information:	Avoid dust formation.

7.2 Conditions for safe storage, including any incompatibilities

Information on storage conditions:

Store in a cool, dry place.
Store only in the original container. Protect from direct sunlight.

Storage compatibility:	No special measures are required.
Storage class according to TRGS 510:	11 (Flammable solids not classified under any of the preceding storage classes)

7.3 Specific end use(s)

No further information available.

SECTION 8: Exposure controls and personal protection

8.1 Control parameters

Occupational exposure limits and/or biological limit values Occupational exposure limits (OELs) Germany:	None.
Substance name:	Paraffin wax
CAS No.:	8002-74-2
Specification:	According to current lists, does not contain any substances with workplace-related limit values subject to monitoring.
Value:	n.a.
Peak limit:	n.a.
Teratogenic:	N/A
Monitoring procedure:	n.a.
DNEL and PNEC values:	None.

Control banding (e.g. ILO, EMKG): None.

8.2 Exposure controls

Suitable technical control measures: Mechanical ventilation of the workplace:

Protective and hygiene measures:
Work in well-ventilated areas or with a respirator. Wear only suitable, well-fitting and clean protective clothing. Wash hands before breaks and at the end of work. Store work clothing separately.

Eye/face protection:
Suitable eye protection: Safety goggles with side shields, cage goggles

Hand protection:
No special measures are required.

Body protection:
Protective clothing

Respiratory protection:
Particulate filter respirator (DIN EN 143)

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state:	Solid – waxes in various shapes and colours
Colour:	Varies depending on the product and colouring
Odour:	Characteristic, varies depending on the type
pH value:	Not applicable
Solidification range:	< 50°C
Melting point:	not determined
Initial boiling point and boiling range:	not applicable
Softening point:	not determined
Pour point:	Not determined
Flash point:	> 130°C
Evaporation rate:	not applicable
Flammability (solid):	The substance is flammable but does not promote combustion
Upper/lower flammability or explosion limits:	None
Vapour pressure:	Not applicable
Vapour density:	Not applicable
Density:	approx. 0.93 g/cm³
Solubility:	Insoluble in water
Partition coefficient n-octanol/water:	Not applicable
Auto-ignition temperature:	Not determined
Decomposition temperature:	not determined
Viscosity:	not applicable
Explosive properties:	none
Oxidising properties:	none

9.2 Other information No further information available.

SECTION 10: Stability and reactivity

10.1 Reactivity:

No unusual reactivity known.

10.2 Chemical stability:
Stable under normal conditions.

10.3 Possibility of hazardous reactions:
No dangerous reactions known.

10.4 Conditions to avoid:
Heat generation

10.5 Incompatible materials:
N.B.

10.6 Hazardous decomposition products:
Carbon monoxide, carbon dioxide

SECTION 11: Toxicological information

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

For substances in the following hazard classes (including a brief summary of available test results and details of the methods):	No adverse health effects are known when used correctly.
Acute toxicity:	Based on the available data, the classification criteria are not met.
Skin corrosion/irritation:	Based on the available data, the classification criteria are not met.
Serious eye damage/irritation:	Based on the available data, the classification criteria are not met.
Respiratory sensitisation:	Vapours are very mildly irritating.
Germ cell mutagenicity:	Based on the available data, the classification criteria are not met.
Carcinogenicity:	An extensive programme carried out as early as 1958 to confirm the absence of carcinogenic properties in pure W. led to its approval as a food ingredient.
Reproductive toxicity:	Based on the available data, the classification criteria are not met.
Specific target organ toxicity following single exposure:	Based on the available data, the classification criteria are not met.
Specific target organ toxicity following repeated exposure:	Based on the available data, the classification criteria are not met.
Aspiration hazard:	Not applicable

SECTION 12: Ecological information

12.1 Toxicity:
No information available.

12.2 Persistence and degradability:
The product has not been tested in this regard. Given its consistency and lack of water solubility, bioavailability is unlikely.

12.3 Bioaccumulative potential:
No information is available.

12.4 Mobility in soil:
No information is available.

12.5 Result of the PBT and vPvB assessment:
This substance does not meet the PBT and vPvB criteria of the REACH Regulation, Annex XIII.

12.6 Other adverse effects:
Not hazardous to water – no further quantitative data on ecotoxicological effects are available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Treatment of contaminated packaging:	Completely empty packaging can be sent for recycling.
Waste code in accordance with the Waste Catalogue Ordinance (AVV):	Not classified as hazardous waste under the AVV.
Special precautions:	None.
Relevant EU or other regulations:	Waste Directive 2008/98/EC

SECTION 14: Transport information

14.1 UN number or ID number
Not classified as a dangerous good under transport regulations.

14.2 UN proper shipping name

IMDG Code / ICAO-TI / IATA-DGR	Not a dangerous good within the meaning of transport regulations.

14.3 Transport hazard class(es)
Not classified as a dangerous good under transport regulations.

14.4 Packing group
Not classified as a dangerous good under transport regulations.

14.5 Environmental hazards

ENVIRONMENTALLY HAZARDOUS:	No

14.6 Special precautions for the user:

Not classified as a dangerous good under these transport regulations.

14.7 Maritime transport in bulk according to IMO instruments
Not a dangerous good within the meaning of these transport regulations.

SECTION 15: Regulatory information

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

EU regulations:	The product is NOT subject to labelling requirements under EC Directives/GeStoffV.
National regulations, e.g.	
Water hazard class:	- - not hazardous to water
Other relevant regulations:	TRGS 500, TRGS 510

15.2 Chemical safety assessment:
No chemical safety assessments have been carried out for the substances in this mixture.

SECTION 16: Other information

Additional information
The information in this safety data sheet is, to the best of our knowledge, correct at the time of printing. The information is intended to provide guidance on the safe handling of the product named in this safety data sheet during storage, processing, transport and disposal. The information is not transferable to other products. If the product is blended, mixed or processed with other materials, or subjected to further processing, the information in this safety data sheet cannot be applied to the new material thus produced, unless expressly stated otherwise.

Contact
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Abbreviations:

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road
RID:	International Regulations concerning the Transport of Dangerous Goods by Rail
IMDG:	International Maritime Dangerous Goods Code
IATA:	International Air Transport Association
IATA-DGR:	Dangerous Goods Regulations by the "International Air Transport Association"
(IATA) ICAO:	International Civil Aviation Organisation
CAO-TI:	Technical Instructions by the International Civil Aviation Organization (ICAO)
CAS:	Chemical Abstracts Service (a division of the American Chemical Society)
GHS:	Globally Harmonised System of Classification and Labelling of Chemicals
CLP:	Regulation on the Classification, Labelling and Packaging of Substances and Mixtures
LC50:	Lethal concentration, 50 per cent
LD50:	Lethal dose, 50 per cent
EC50:	Effective concentration: 50 per cent
DNEL:	Derived No Effect Level
PNEC:	Predicted No Effect Concentration
PBT:	Persistent, Bioaccumulative and Toxic

vPvB: Very Persistent and Very Bioaccumulative