

Safety Data Sheet

gem. EC / 1272/2008 (Amendment to the REACH Regulation)
Version: 15/01 D-DM-MF Modification date: 12 July 2017

1. Identification of the substance or preparation and company name

trade name: Orthodontic wax

Industry: Chemical-technical industry, Cosmetic industry, Pharmaceutical industry, Basic component

Use of the substance / preparation: The product is intended for further processing or use as a raw material for production.
To clarify further applications, please call us at the telephone number provided. We will forward you to the responsible employee of the application technology.

Supplier / company name: Morsa Wachswarenfabrik Sallinger GmbH

Street: Nordstraße.3

Post Code: D-86381 Krumbach

Information on the substance / preparation: Morsa Wachswarenfabrik Sallinger GmbH

Phone: +49(0)8282 80044-0

Fax: +49(0) 8282 80044-33

E-Mail: info@morsa.de

Emergency telephone: +49(0)8282 80044-0 (Mo-Fr 8:00 bis 12:00; 13:00-17:00 Uhr)

2. Possible dangers

2.1 Classification / Hazard Identification: Does not require labeling
1272/2008, current version
67/548 / EEC or 1999/45 / EC, current versions

2.2 Additional safety instructions for Risk of skin burns due to hot melt Human and environment:

3. Composition / indication of ingredients

Information on preparation / substance
Chemical characterization: microcrystalline wax

[Hier eingeben]

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CAS numbers of the components: 64742-51-4
92062-09-4
64742-60-5

EINECS numbers of components: 265-154-5
295-523-6
265-163-4

Hazardous ingredients: none

Reach Registration number: 01-2119480133-46
01-2119487475-25
01-2119488075-32

4. First aid measures

General information: Take off soiled and soaked clothing

In case of eye contact: In case of contact with eyes, rinse thoroughly with plenty of water. If eye irritation occurs, consult an ophthalmologist.

In case of skin contact : After contact with the molten product affected area quickly cool with water. Do not peel solidified product off the skin.

After inhalation: Remove affected person to fresh air. If irritation of the respiratory tract, seek medical attention.

After swallowing: Rinse mouth thoroughly with water.

Informations for the doctor: No information available. Treat symptomatically.

5. Fire-fighting measures

Suitable extinguishing agents: Sand, foam, dry chemical, carbon dioxide (CO₂)

For safety reasons unsuitable extinguishing agents: Water jet

Special hazards caused by the substance or by the product itself, its products of combustion or resulting gases: Fine dust clouds can form explosive mixtures with air. Fire may generate dangerous fumes / gases: carbon monoxide, carbon dioxide,

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nitrogen oxides (NOX) soot
and other organic products.

Special protective equipment for
firefighters:

In case of fire: Wear self-
contained breathing apparatus.

Additional information:

For the protection of persons and for the
cooling of Containers in the Hazardous area Use water spray jet.

6. Accidental Release Measures

Security measures related to persons:	Remove sources of ignition, ensure adequate ventilation / respiratory protection (see item 8), avoid dust formation.
Environmental precautions:	Do not allow to get into the ground / soil / drains or waters.
Cleaning method:	Freeze. Take up mechanically. Treat the collected material according to the section Disposal.

7. Handling and storage

Advice for safe handling:	Avoid dust formation. Fine dust clouds can form explosive mixtures with air. In case of thermal processing, make sure to extract the vapors or provide adequate ventilation.
Information about fire and explosion protection:	Take precautionary measures against electrostatic charging. Product can only form or burn ignitable mixtures when heated to temperatures above the flashpoint.
More information	
Requirements for storerooms and containers:	Only use containers approved for the substance / product / product group. Ensure sufficient storage room ventilation.
Advice on storage compatibility Materials to avoid:	oxidant
Further information on storage conditions:	Keep container in a cool, well-ventilated place.
Fire class:	B

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Storage class VCI:	11 (combustible solids)
Certain uses:	Observe technical data sheet.
PNECs	No data available
DNELs	No data available

8. Exposure controls / personal protection

Ingredients with workplace-related limit values to be exceeded

National occupational exposure limits: No data available

European occupational exposure limits: No data available

Technical protective measures: In case of thermal processing, ensure that the vapors are extracted and that there is adequate ventilation.

Personal protective equipment

Respiratory protection: Respiratory protection in case of aerosol or mist formation:
Use mask with filter type A2, A2 / P2 or ABEK.

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Hand protection:	Adjust hand protection to other chemicals used. Preventive hand protection is recommended. Regular use of skin protection cream is recommended.
Eye protection:	Frame glasses with side protection
Body protection:	If contact with hot product is possible, wear heat resistant, flame retardant protective equipment.
Hygiene measures:	The usual precautionary measures are to be adhered to when handling chemicals. After work / before eating breaks ev. Clean wax-contaminated skin with water and skin-friendly cleansing agents. Avoid inhalation of wax fumes.

9, physical and chemical properties

Shape:	firmly
Colour:	white to whitish
Odor:	weakly typical
Important information on health, environmental protection and safety	
PH value:	not applicable not applicable
Dropping point (DIN ISO 2176):	60 - 100 ° C 60 - 100 ° C
Boiling point /	not determined not determined
Vapor pressure:	not determined not determined
Density at 20 ° C (DIN 53217)	approx. 0.93 g / cm ³ approx. 0.93 g / cm ³
Solubility in water:	insoluble insoluble
Viscosity at 120 ° C (DIN 53019):	<30 mPas <30 mPas
Flash point (DIN ISO 2592)	> 100 ° C > 100 ° C
Ignition temperature:	not determined not determined
Self:	not determined / above the flashpoint
Explosive properties:	Fine dust clouds can form explosive mixtures with air.
Explosion hazard: only in aerosol / dust form	Explosion hazard: only in aerosol / dust form
Oxidizing properties:	not known
Vapor Density:	not applicable
Evaporation rate:	not applicable

10. Stability and reactivity

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Materials to avoid: Strong oxidizing agents
Hazardous decomposition products: No dangerous decomposition products known

Conditions to avoid: No dangerous reactions known

11. Toxicological information

Non-human toxicological data Acute oral toxicity:

LD50 (Ratte) > 5000 mg/kg

Acute dermal toxicity:

LD50 (rabbit) > 2000 mg / kg

More information:

Data obtained by analogy (QSAR)

12. Environmental information

ecotoxicity:

No data available

Behavior in environmental compartments:

When properly introduced into adapted biological wastewater treatment plants, no disturbances are to be expected. Essentially, the product can be separated mechanically. Elimination takes place predominantly by absorption at the sewage sludge.

General information:

Do not discharge product into the environment.

13. Disposal considerations

Product: May comply with local regulatory requirements, e.g. a suitable one Incinerator be supplied.

Waste key number according to Waste Catalog Ordinance (AVV)

Waste code:

For this product, no waste code number according to the European Waste Catalog can be specified, since only the purpose of use by the consumer allows an allocation. The waste code number must be determined in accordance with the European Waste Catalog (2000/532 / EC) in consultation with the disposer / manufacturer / authority.

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Empty empty packaging:

Non-contaminated and emptied packaging can be recycled.
Non-cleanable packaging must be disposed of.

14. Transport information

ADR/RID:

Not dangerous goods in terms of transport regulations

15. Legislation

Labeling according to EC directives:

The product needs in accordance with Directive 67/548 / EEC or 1999/45 / EC; as well as in accordance with EC / 1272/2008.

National regulations:
Störfallverordnung:

Annex I: Hazardous ingredients not mentioned by name (StörfallV 2000)

TA air:

5.2.5 Organic substances

Water hazard class Classification:

slightly hazardous to water according to VwVwS

16. Other information

Recommended restrictions on use:

Do not heat above the flash point.

SVHC

The ones in the list
(<http://echa.europa.eu/en/candidate-list-table>) are not expected in our products nor have they been intentionally added during the production process.
Our products have no contact with these substances during the manufacturing process.

The fact that these substances are not deliberately added does not rule out the presence of ubiquitous traces of natural impurities or due to characteristic properties of the raw materials with a content below 0.1%.

The information in this safety data sheet corresponds to the best of our knowledge at the time of printing. The information should give you indications for the safe handling of the product mentioned in this safety data sheet

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during storage, processing, transport and disposal. The details are not transferable to other products. Insofar as the product mentioned in this safety data sheet is mixed with other materials, mixed or processed, or subjected to processing, the information in this safety data sheet, unless expressly stated otherwise, can not be transferred to the new material produced in this way.

With this latest version of the safety data sheet, all previous versions automatically lose their validity.
