

## 1. Identification of the substance/preparation and company

### 1.1 Identification of the substance

Trade name: SUPRADENT-WACHS

### 1.2 Manufacturer/Supplier identification

#### 1.2.1 Manufacturer/Supplier Chemisches Dental-Labor Oppermann-Schwedler

Nationality/Postcode/

City:

D/53225 Bonn/von-Sandt-Straße 9

Telephone 0049 (0)228 46 62 98

#### 1.2.2 Emergency

information: Tel. 0049 (0)228 46 62 98

## 2. Composition/Information on ingredients

### 2.1 Chemical characterization Mixture of talc (free of asbestos fibers), rosin and a wax-acid mixture

Material: EC-No.: CAS-No.: EINECS-No.: EC-No.: Symbol: R-phrases:

Talc 14807-96-6 238-877-9 n/a no n/a

Rosin 8050-09-7 232-475-7 n/a Xn R 42/43

Wax-acid mixture

approx. C24-C34 73138-45-1 n/a n/a no n/a

## 3. Hazards identification

3.1 Information concerning particular hazards for humans and the environment: This product is not considered harmful. The triggering of allergens / sensitization by rosin is possible.

## 4. First-aid measures

4.1 General information: No special measures required.

4.2 Inhalation: In case of excessive inhalation of hot vapors and dusts, move person to fresh air and seek medical attention if necessary.

4.3 Skin contact: Wash with soap and water. Consult a physician if irritation persists.

4.4 Eye contact: Flush with water and in case of irritation consult a physician.

4.5 Ingestion: Rinse mouth with lots of water and consult a physician.

4.6 Information for physician: n/a

## 5. Fire-fighting measures

### 5.1 Suitable extinguishing

media: Suitable extinguishing media are powder, foam, carbon dioxide, water spray/fog

## 6. Accidental release measures

### 6.1 Personal precautions: n/a

6.2 Environmental precautions: Contain product in suitable containers for recovery or disposal

6.3 Methods for cleanup/absorption: Pick-up mechanically

## 7. Handling and storage

### 7.1 Handling

#### 7.1.1 Precautions for safe handling:

At ambient temperature, no special precautions are necessary. Avoid formation of wax vapors and mist for the hot product. Ensure adequate ventilation, if necessary use suction equipment.

#### 7.1.2 Precautions in case of fire and explosion:

Take precautionary measures against static discharges.

### 7.2 Storage

7.2.1 Storage precautions with other goods: n/a

7.2.2 Storage class: n/a

## 8. Exposure controls and personal protection

### 8.1 Additional information regarding the design of technical facilities:

Take precautions against static discharges

### 8.2 Components with workplace related limits requiring monitoring:

The dust limit value (air) for talc (free of asbestos fibers) is 2 mg/m<sup>3</sup> (MAK).

### 8.3 Personal protection

8.3.1 General protection and hygiene measures: Do not smoke, eat or drink during work

8.3.2 Respiratory protection: If wax vapors and fog occur

8.3.3 Hand protection: Generally not necessary

8.3.4 Eye protection: If the product is hot

8.3.5 Body protection: n/a

## 9. Physical and chemical properties

### 9.1 Appearance

9.1.1 Form: panels/plates

9.1.2 Color: red

9.1.3 Odor: weak, characteristic

9.2 Safety relevant data:	Value	Unit	Method
9.2.1 Dropping point:	77	°C	DIN 51 801-02
9.2.2 Flash point:	218	°C	According to DIN ISO 2592
9.2.3 Density (20 °C)	1.221	g/cm <sup>3</sup> (DGF M-III 2B)	
9.2.4 Solubility in water:	practically insoluble		
9.2.5 pH value (at 200g/l H <sub>2</sub> O)	n/a		

## 10. Stability and reactivity

10.1 Conditions to avoid: No decomposition if used according to specifications

10.2 Materials to avoid: Strong oxidizing agents

10.3 Hazardous decomposition products: No known hazardous decomposition products

## 11. Toxicological information

### 11.1 Acute toxicity

11.1.1 LD<sub>50</sub>: >> 20.2000 mg/kg (mouse)

11.2 Skin contact: no irritation

11.3 Mucous membrane contact: no irritation

11.4 Experience on humans: Continuous skin contact may lead to sensitization and triggering of allergies by rosin and its derivatives

## 12. Ecological information

12.1 Elimination information (persistence and degradability):  
The product is potentially biodegradable.

12.2 Behavior in the environment

#### 12.2.1 Mobility and bioaccumulation potential:

The product is virtually insoluble in water. It can be largely eliminated by mechanical separation from the water.

#### 12.3 Ecotoxic effects

12.3.1 aquatic toxicity: n/a; Water pollution classification (WGK): 0 (self classification)

#### 13. Disposal considerations

##### 13.1 Product SUPRADENT-WACHS

13.1.1 Recommendation: small quantities can be disposed of in domestic waste, larger quantities should be disposed of by combustion

13.1.2 Waste disposal code : 54207

13.1.3 Waste name : Waxes

#### 14. Transportation information

The product is NOT HAZARDOUS MATERIAL in terms of the following regulations:

14.1 Land transport: ADR/RID and GGVS/GGVE (cross border / domestic)

14.2 Inland waterway craft: ADN/ADNR

14.3 Seagoing vessel: IMDG/GGVSee

14.4 Air transport: ICAO-Ti and IATA-DGR

#### 15. Regulatory information

15.1 Regulatory information in accordance with EC directives

15.1.1 Code letter and hazard designation of product: n/a

15.1.2 Hazardous component(s) for labeling: n/a

15.1.3 R-phrases: n/a

15.1.4 S-phrases: n/a

15.2 National regulations

15.2.1 Additional information according to Hazardous Materials Ordinance Annex II No.: n/a

15.2.2 Information on limitation of use: n/a

15.2.3 Hazardous Incident Ordinance: n/a

15.2.4 Classification according to VbF: n/a

15.2.5 Water hazard classification: 0 (self classification)

15.2.6 Other regulations, limitations and prohibitions: n/a

## 16. Other information

### Further information

Department issuing data sheet: Dr. Fintelmann and Dr. Meyer, Partnership  
Trade Chemists, 22761 Hamburg

Contact: M. Flemming 0049 (0)40/89 96 64 24

Source: Römpf, Kühn-Birett, Merck, Ullmann

The information is based on our present level of knowledge, but does not guarantee any specific product features and does not justify a contractual legal relationship.