

1. IDENTIFICATION OF SUBSTANCES / PREPARATION AND COMPANY

Product Name: Doric Wax Pink
Product Code: 0570, 0575

Application: Waxy solid for dental modelling

Company: Davis Schottlander & Davis Ltd
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2. HAZARD IDENTIFICATION

Classification: Not classified.
The product is not classified as dangerous according to Directive 1999/45/EC and its amendments.

Physical/chemical hazards: None.

Human health hazards: No known significant effects or critical hazards.

Environmental hazards:
See Section 11 for more detailed information on health effects and symptoms.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Substance/Preparation: A blend of vegetable and mineral waxes.

4. FIRST AID MEASURES

Eyes: Seek medical advice immediately.

Skin: Small area: let wax peel off, treat any burns. Large area: seek medical advice.

Mouth: Solid: No hazard. Liquid: Due to temperature, will cause burns. Seek medical advice.

Inhalation: Inhalation of paraffin wax vapours may cause respiratory irritation.

5. FIRE FIGHTING MEASURES

Extinguishing media: When heated above 150C will burn whilst heat source available.

Hazardous thermal decomposition products: Carbon monoxide (CO)

6. ACCIDENTAL RELEASE MEASURES

Precautions: Allow molten wax to cool, clean area. Keep away from drains. Inform authorities in the case of leakage of large amounts.

7. HANDLING AND STORAGE

Handling: No special requirements.
Storage: Store in a cool dry place away from sources of heat.
Specific use: Dental wax.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Exposure limit values:**

Paraffin wax –
Long term exposure limit (8hr TWA) – 2mg/m³
Short term exposure limit (10 min) – 6mg/m³
Based on OEL UK

Exposure controls: N/A

The following information is given as general guidance.

Respiratory protection: Adequate ventilation when heating wax above 150C

Hand protection: Heavy duty butyl rubber gloves to be worn when handling molten wax.

Eye protection: Wear safety goggles when handling molten wax.

Skin protection: Wear protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: At 20C waxy solid sheets above melting point liquid. Dark red to light pink.

Odour: Odourless

pH: Neutral

Melting point: 60-63C

Boiling point:

Flash point: Greater than 150°C

Explosive properties: Not determined

Oxidising properties: Not determined

Vapour pressure: <0.01 mbar

Relative density: Approx 0.9g/cm₃

Solubility in water: Nil

Solubility in organic solvent: Almost completely chloroform

Other data: Working temp 35-40C

10. STABILITY AND REACTIVITY**Hazardous Reactions:**

Conditions to avoid: Prolonged storage in liquid form 20C above congealing point.

Materials to avoid: Avoid contact with strong oxidising agents.

11. TOXICOLOGY INFORMATION

Inhalation: Move to a well ventilated area. Consult medical advice if symptoms persist.

Skin contact: Molten wax causes burns on contact with skin. Seek medical attention if severe.

Eye contact: Molten wax causes burns and possible blindness in contact with eyes. Seek medical attention.

Ingestion: Oral LD₅₀ levels on paraffin wax >5000 mg/kg.

Long term exposure: See Section 8

12. ECOLOGICAL INFORMATION

Ecotoxicity: No toxicity known

Mobility: Spillages unlikely to penetrate soil.

Persistence and Degradability: Products are inherently biodegradable.

Bioaccumulative: No evidence to suggest bioaccumulation will occur.

Other adverse effects: None.

13. DISPOSAL CONSIDERATIONS

Do not discard into water ways or sewage system. Dispose of in a licensed facility.

14. TRANSPORT INFORMATION

No special precautions.

15. REGULATORY INFORMATION

Hazard symbol: Not classified as hazardous for supply.

Safety phrases: None in solid form.

16. FURTHER INFORMATION

Shelf Life: 5 years

The data given above covers exclusively the safety requirements of the product(s) and is based on our current knowledge and experience. It does not signify any warranty with regards to the products properties. This product is only supplied for specific uses in dentistry and must be used in accordance with the directions for use.