

1. IDENTIFICATION OF SUBSTANCES / PREPARATION AND COMPANY

Product Name: Wax Sprues, Rods and Pontics
Product Code: 191, 921

Application: Dental wax for forming sprues and modelling in the dental laboratory

Company: Davis Schottlander & Davis Ltd
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2. HAZARD IDENTIFICATION

Not classified as hazardous.

Material: Items are primarily paraffin wax.

For general information: Fumes can be irritating to nose and throat.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hydrocarbon Waxes.

4. FIRST AID MEASURES

Eyes: If irritated, rinse with cool water and temporarily avoid further exposure. If Irritation persists or worsens contact a physician.

Skin: Molten product: Leave material on skin and flush with cold water. Get medical attention for thermal burns.

Ingestion: Material is non-toxic. Treat any thermal burns to the mouth and throat.

Inhalation: Not likely in normal use. If irritated get to fresh air. If irritation persists or worsens contact a physician.

Carcinogenicity: No ingredients identified as carcinogen or potential carcinogen by NTP, IARC Or OSHA.

5. FIRE FIGHTING MEASURES

Flammable limits: Not determined

Fire extinguishing media: Dry chemical, foam or carbon dioxide.

Special fire fighting procedures: Water or foam. May cause frothing of molten material. Use fine water spray to disperse vapours and cool product containers.

Unusual fire and explosion hazard: Molten product can cause burns if splashed or contacted directly.

6. ACCIDENTAL RELEASE MEASURES

Steps to be taken in case material is released or spilled:

Sweep up and package appropriately for disposal.

Waste disposal method:

Dispose of product in accordance with local regulations. Laboratory quantities may be disposed of in regular rubbish.

7. HANDLING AND STORAGE

Keep containers well closed. Store in a cool, dry well ventilated area. For professional use only. Keep out of reach of children. Avoid heat and direct sunlight. Normal precautions of laboratory good Housekeeping practices should be followed.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Ventilation:	Local exhaust is recommended during hot processing (burnt-out procedures). Solid material. Requires no ventilation.
Skin:	Heat resistant gloves.
Eyes:	Safety glasses or splash goggles. Do not wear contact lenses when handling chemicals.
Respiratory:	Suitable filter-type respirator should be worn if exposure to fumes is expected.
Other protective equipment:	Eye-wash station

9. PHYSICAL AND CHEMICAL PROPERTIES

Melting point:	52°C
Boiling point:	343°C
Vapour Pressure:	N/A
Specific gravity:	0.80 – 0.90
Vapour density:	> 1 (Air = 1)
Water solubility:	Negligible
pH of solution:	N/A
Percent volatile:	100% at boiling point.
Evaporation rate:	Negligible at room temperature.
Appearance:	Grey, waxy solid items. Slight petroleum wax odour.

10. STABILITY AND REACTIVITY

Stability:	Stable.
Conditions to avoid:	Avoid accidental contact with sources of heat or ignition.
Incompatibility (materials to avoid):	Strong oxidising agents.
Hazardous decomposition products:	Carbon dioxide (minor amounts of sulphur and nitrogen oxides).
Hazardous polymerisation:	Will not occur.

11. TOXICOLOGY INFORMATION

No information available.

12. ECOLOGICAL INFORMATION

No information available.

13. DISPOSAL CONSIDERATIONS

Dispose of product in accordance with local regulations. Laboratory quantities may be disposed of in regular rubbish.

14. TRANSPORT INFORMATION

No DDT shipping instructions.

15. REGULATORY INFORMATION

No information available.

16. FURTHER INFORMATION

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.