

**1. IDENTIFICATION OF SUBSTANCES / PREPARATION AND COMPANY**

Product Name: Polishing Paste  
Product Code: 0309-9

Application: For polishing crowns and bridges in the dental laboratory

Company: Davis Schottlander & Davis Ltd  
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**2. HAZARD IDENTIFICATION**

**Threshold Limit Value TLV (ACGIH):** None listed. Formulation is non-hazardous.  
**Health Hazards:** Effects of overexposure to product.  
**Eyes:** Transient irritation  
**Skin:** Slight drying or chapping  
**Ingestion:** Low order of toxicity expected  
**Inhalation:** Not likely in lab use

**3. COMPOSITION / INFORMATION ON INGREDIENTS**

**Material:** None listed by OSHA or ACGIH as per 29 CFR  
**Nature of hazard:** Mild eye irritation.

**4. FIRST AID MEASURES**

**Eyes:** Flush well with cool water. Contact a doctor if irritation develops or persists.  
**Skin:** If contacted, wash off with soap and water.  
**Ingestion:** No special first aid.  
**Inhalation:** If affected remove to fresh air. Not likely in normal lab use.  
**Carcinogenicity:** No ingredients identified as carcinogen or potential carcinogen by NTP, IARC or OSHA.

**5. FIRE FIGHTING MEASURES**

**Flash point (method used):** Material is non flammable.  
**Flammable Limits:** N/A  
**Fire extinguishing media:** As appropriate for surrounding area.  
**Special fire fighting procedures:** None for lab quantities.  
**Unusual fire & explosion hazard:** None

## 6. ACCIDENTAL RELEASE MEASURES

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

No special precautions. Wipe lip spills with damp cloth or towelling and dispose in dry rubbish for regular disposal.

### Waste disposal method:

Any. Binder components are considered biodegradable.

## 7. HANDLING AND STORAGE

(Lab quantities)

Keep containers well closed. Store in a cool, dry, well ventilated area. For laboratory and 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

<b>Ventilator:</b>	Mechanical (general) is acceptable.
<b>Skin:</b>	Not usually required.
<b>Eyes:</b>	Safety glasses or goggles. Do not wear contact lenses when handling chemicals.
<b>Respiratory:</b>	None needed for normal use.
<b>Other protective equipment:</b>	Eye wash station.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Melting point:</b> °F: N/A	<b>Water solubility:</b> 100% rinseable
<b>Boiling point:</b> °C: N/A	<b>pH of solution:</b> Neutral
<b>Vapour pressure:</b> (mm Hg): N/A	<b>Percent volatile:</b> N/A
<b>Specific gravity:</b> (H <sub>2</sub> O=1): >1	<b>Evaporation rate:</b> (Butyl Acetate=1) N/A
<b>Vapour density:</b> (Air=1): N/A	
<b>Appearance:</b> Smooth opaque light grey paste. Slight characteristic odour.	

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable.
<b>Conditions to avoid:</b>	Extreme heat. Can cause liquefying of the binder and separation of components.
<b>Incompatibility (materials to avoid):</b>	None.
<b>Hazardous decomposition products:</b>	Thermal decomposition will liberate CO, CO <sub>2</sub> , water vapour.
<b>Hazardous polymerisation:</b>	Will not occur.

## 11. TOXICOLOGY INFORMATION

### Acute exposure - Signs and symptoms:

<b>Skin:</b>	Slight drying or chapping.
<b>Eyes:</b>	Transient irritation.
<b>Inhalation:</b>	Not likely in lab use.
<b>Ingestion:</b>	Low order of toxicity expected.
<b>Chronic exposure:</b>	No human data reported.

<b>Sensitizer:</b>	No human data reported
<b>Carcinogenicity:</b>	No ingredients identified as carcinogen or potential carcinogen by NTP, IARC or OSHA
<b>Teratogenicity:</b>	N/A
<b>Embryotoxicity:</b>	N/A
<b>Mutagenicity:</b>	N/A
<b>Pre-existing conditions:</b>	N/A

## 12. ECOLOGICAL INFORMATION

<b>Ecotoxicity:</b>	Lab quantities are not expected to be significant.
<b>Degradability:</b>	Expected to be low.
<b>Bioaccumulation:</b>	Not expected to bio-accumulate.
<b>Mobility in soil:</b>	Expected to be low. Major component is water insoluble.

## 13. DISPOSAL CONSIDERATIONS

Any. Binder components are considered biodegradable.

## 14. TRANSPORT INFORMATION

<b>UN Number:</b>	N/A
<b>Shipping name:</b>	N/A
<b>Class:</b>	N/A
<b>Packaging group:</b>	N/A
<b>Marine pollutant:</b>	N/A
<b>Warning symbol:</b>	N/A
<b>Other:</b>	The material is not regulated as a hazard in transportation by the US dot.

## 15. REGULATORY INFORMATION

<b>Labelling:</b>	N/A
<b>NFPA ratings:</b>	Health hazard – 0, Fire & explosion – 0, Reactivity – 0, Special protection – A
<b>National regulations:</b>	
<b>TSCA:</b>	All components are on the TSCA inventory list.
<b>SARA:</b>	SARA Section 302: Extremely hazardous substances: None listed.
<b>SARA Section 313:</b>	N/A
<b>Inapplicable:</b>	No components are subject to TSCA SNUR listing.
<b>Foreign Regulations:</b>	All components are on the EU EINECS inventory list and the Canadian DSL.

## 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.