

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

Product Name: Totalfill BC Points  
Product Code: 048-2

Application: Root Canal Filling Material

Company: Davis Schottlander & Davis Ltd  
Fifth Avenue, Letchworth Garden City,  
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**2. HAZARD IDENTIFICATION**

**Health hazard:** Not known to cause significant health problems.  
**Other information:** N/A

**3. COMPOSITION / INFORMATION ON INGREDIENTS****Chemical composition:**

Gutta Percha:	25%	Zirconium Oxide:	35%
Barium Sulphate:	10%	Zinc Oxide:	29.5%
Colouring agent:	0.5%		

**4. FIRST AID MEASURES**

Consult a physician if allergic reaction requires attention.

**5. FIRE FIGHTING MEASURES****Extinguishing media:**

Water, carbon dioxide, dry chemical.

**Fire fighting techniques:**

Fire fighters should wear self-contained breathing apparatus because thermal decomposition by products may present a health hazard.

**6. ACCIDENTAL RELEASE MEASURES**

No special precautions required.

**7. HANDLING AND STORAGE**

No special precautions required. Store away from oxidising agents and avoid prolonged exposure to natural light and heat above 37°C. Store away from food and beverage.

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Respiratory protection:** None  
**Ventilation:** N/A  
**Protective gloves:** N/A

# SAFETY DATA SHEET

**Eye protection:** Goggles with side shields for lab work.  
**Other protective clothing & equipment:** Common uniform.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Conical points	<b>Explosion hazard:</b>	N/A
<b>Specific gravity:</b>	2.7g/cm <sup>3</sup>	<b>Vapour pressure:</b>	N/A
<b>Odour:</b>	No odour or taste	<b>Melting point:</b>	89-91°C or 210°F
<b>Colour:</b>	Pink	<b>Solubility in water:</b>	None
<b>Vapour density:</b>	N/A	<b>Boiling point:</b>	N/A

## 10. STABILITY AND REACTIVITY

### Chemical stability

Stable

### Incompatibility

Natural light, excessive heat and humidity.

### Hazardous decomposition products

Carbon monoxide, carbon dioxide hydrocarbons and zinc fumes.

### Hazardous polymerisation

Will not occur.

## 11. TOXICOLOGY INFORMATION

**Inhalation:** N/A (considered a nuisance dust – avoid inhalation).  
**Eye contact:** N/A (considered a nuisance dust – keep dust out of the eyes).  
**Skin contact:** N/A (not known to cause any significant health problems).  
**Ingestion:** N/A (not known to cause any significant health problems).  
**Mutagenicity:** N/A  
**Sensitisation:** Persons with sensibility to latex may have mild allergic reaction.  
**Carcinogenicity:** NTP: N.A. IARC monographs: N.A. OSHA regulated: No

## 12. ECOLOGICAL INFORMATION

Environmental control measures. Disposable only in accordance with prevailing health regulations.

## 13. DISPOSAL CONSIDERATIONS

Disposal system – Sweep up carefully and place in container for disposal.  
Other information – Landfill in accordance with prevailing regulations.

## 14. TRANSPORT INFORMATION

Not dangerous and transport away from food and beverages.

## 15. REGULATORY INFORMATION

No specific labelling or classification required.

## 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.