

# MATERIAL SAFETY DATA SHEET

## 1. IDENTIFICATION OF SUBSTANCES / PREPARATION AND COMPANY

Product Name: Enigma High Base Powder  
Product Code: 841, 842

Application: With Enigma High Base or colour tone liquids forms a heat cured acrylic denture base

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

**Eyes:** May cause irritation.  
**Skin:** May cause irritation. Prolonged exposure may cause sensitisation.  
**Ingestion:** May cause irritation.  
**Inhalation:** May cause respiratory irritation.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Component	CAS	%w/w	LTEL	Risk/safety Phrases	Symbol
Polymethyl Methacrylate	9011-14-7				

## 4. FIRST AID MEASURES

**Eyes:** Flush with large volumes of water for at least 20 minutes. Seek medical advice.  
**Skin:** Wash with soap and water. If irritation persists seek medical advice.  
**Ingestion:** Rinse out mouth with water. Seek medical advice.  
**Inhalation:** Remove the person to fresh air. If breathing difficulties persist seek medical advice.

## 5. FIRE FIGHTING MEASURES

Extinguishing media: Powder, carbon dioxide, foam, water spray.  
Do not use a jet of water  
Polymer powders are flammable.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal:** See Section 8.  
**Environmental:** Do not let product enter drains and water supplies.  
**Cleaning:** Take up mechanically. Smother with damp sand or similar to reduce dust.

## 7. HANDLING AND STORAGE

- Handling:** Use in a well ventilated area. Avoid skin and eye contact. Do not inhale dust. Take precautions against static discharges. Keep away from sources of ignition.
- Storage:** Keep in original container. Keep container tightly closed in a cool dry place below 40°C. Keep away from sources of ignition.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Use in a well ventilated area and avoid inhaling the dust. Wear a mask with fine dust filter or breathing apparatus if necessary. Avoid skin and eye contact. Wear gloves and eye protection. Do not eat or drink when handling the product. Wash hands after use.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance:** Fine powder, various shades
- Boiling point:**
- Flash point °C:** >200
- Explosive properties:**
- Water solubility:** Insoluble
- Odour:** Odourless
- Melting point °C:**
- pH:**
- Oxidising properties:** None

## 10. STABILITY AND REACTIVITY

Thermal decomposition will release carbon dioxide, carbon monoxide and acrylic decomposition products depending on conditions.  
Avoid temperatures above 200°C.

## 11. TOXICOLOGY INFORMATION

Methacrylate sensitive individuals may exhibit an allergic reaction.  
See also Hazards (Section 2).

## 12. ECOLOGICAL INFORMATION

Do not discharge to sewers or water supplies.

## 13. DISPOSAL CONSIDERATIONS

By waste contractor in accordance with local regulations.

## 14. TRANSPORT INFORMATION

Unrestricted.

## 15. REGULATORY INFORMATION

EC Directives 91/155/EC

## 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.

30\_07\_13 Version Control v2.0 template issue raised to align with CLP clarifications.