



# Material Safety Datasheet

## Super PAP Pen (PEN1111)

Rev. 121009

### 1.0 Product

Name: Super PAP Pen  
Catalog Number: PEN1111  
Company Identification : Biocare Medical, 4040 Pike Lane, Concord, CA 94520, USA,  
Tel. (800)-542-2002

### 2.0 Ingredients

Substances Hazardous To Health and the Environment			
Substance	CAS #	Hazardous Information	
		UN	ACGIH
Ligroin (Petroleum Ether)	8032-32-4	1271	300ppm
Abzol	106-94-5	1993	100ppm

### 3.0 Chemical and Physical Property

3-1 Physical State: Liquid
3-2 Color, odour, etc: Dark gray to green, fragrance
3-3 Percent Volatile: N/A
3-4 Solubility in Water (at 20 °C): 0%
3-5 Boiling Point: 71 °C
3-6 Melting Point or Freezing Point: -110 °C
3-7 Viscosity (at 20°C): 40 cps
3-8 Specific Gravity: N/A
3-9 pH: N/A
3.10 Vapor Pressure (at 20°C): N/A

### 4.0 Fire and Explosion Hazard Data

4-1 Flash point: 71°C
4-2 Ignition temperature: 490°C
4-3 Flammable Limit (% by vol): Lower Limit: 4 % Upper Limit 8 %
4-4 Extinguishing Media Dry chemical, foam, or carbon dioxide

### 5.0 Health Hazard Data

5-1 Health Hazard Summary This pen contains chemicals that may be irritating with overexposure by inhalation. Avoid skin contact.
5-2 Effect of Overexposure and Emergency Procedure Eye contact: Extremely irritating. Flush with water and seek medical attention. Skin contact: May cause irritation. Wash thoroughly with soap and water and seek medical attention as necessary. Inhalation: May cause irritation of mucous membranes. Overexposure may cause dizziness, drowsiness, or impairment of motor function. Remove to fresh air. Give artificial respiration, if not breathing. Seek medical attention. Ingestion: May cause irritation. Seek medical attention.



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## 6.0 Environmental Hazard

6-1: None reported.

## 7.0 Spill or Leak Procedure

7-1 Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personal protective equipment. Contain and recover liquid where possible. Collect liquid in a container or absorb with inert, non-combustible, material. Dispose in an appropriate chemical waste container.

## 8.0 Special Protection Information

### 8-1 Personal Protection

- Wear compatible chemically-resistant gloves.
- Wear safety glasses and lab coat, as appropriate.
- Use pen in a well ventilated area.
- Keep pen away from heat and ignition sources..

## 9.0 Storage, Handling and labeling

### 9-1 Storage Precaution

Keep pen away from heat and open flames. Avoid strong oxidizers. Keep out of reach of children.

### 9-2 Storage Temperature 25°C

### 9-3 Handling Precaution

- Keep pen away from heat and open flames.
- Use pen in a well ventilated area.
- Avoid strong oxidizers.
- Do not open back plug of the pen.
- In case of skin contact, flush with plenty of water.
- Keep out of reach of children.