

**1. PRODUCT & COMPANY IDENTIFICATION**

Product name: ParaPro Blue  
Product Code: PPBLU  
Use/Size: Tissue embedding medium in free flowing pellet form  
Manufactured for: StatLab Medical Products  
Address: 2090 Commerce Drive  
McKinney, TX 75069  
Phone Number: 800-442-3573  
Fax Number: 972-436-1369  
Emergency Number: CHEMTREC 800-424-9300  
[www.statlab.com](http://www.statlab.com)

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**2. COMPOSITION/INFORMATION ON THE COMPOSITION**

A solid mixture of Paraffinic hydrocarbons and Polyisobutene.

<b>Component</b>	<b>Cas No.</b>	<b>EINECS</b>	<b>R Phrases</b>
Paraffin	8002-74-2	232-315-6	None
Polyisobutene	9003-27-4	204-066-3	None
Solvent Blue 36	14233-37-5	238-101-9	None

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**3. HAZARDS IDENTIFICATION**

EU Main Hazards – Not classified as hazardous

Route of Entry – Eye contact – skin contact

Carcinogenic status – Not considered carcinogenic by NTP, IARC and OSHA

Target Organs – Eye – skin

Health Effect – Eyes – contact may cause slight transient irritation.

Health Effect – Skin – material may cause irritation.

Health Effect – Ingestion – A large dose may have the following effects: - nausea – vomiting – diarrhea – abdominal pain – intestinal obstruction – liver damage – brain damage. Health

Effect – Inhalation – No adverse effects are expected during normal conditions of use.

Inhalation of paraffin wax fumes during heating may irritate the eyes, nose and throat.

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### 4. **FIRST AID MEASURES:**

**Eyes:** Immediately flood the eye with plenty of water for at least 15 minutes, holding the eye open. Obtain medical attention if soreness or redness persists.

**Skin:** If skin irritation develops, or other symptoms occur, discontinue use. Seek medical attention if symptoms persist.

**Ingestion:** Do not induce vomiting. Have victim drink 1-3 glasses of water to dilute stomach contents. Never administer anything by mouth if a victim is losing consciousness, is unconscious or is convulsing. Obtain medical attention immediately.

**Inhalation:** If there is difficulty in breathing, give oxygen. Seek medical attention if symptoms persist.

**Advise to Physicians:** Treat symptomatically.

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### 5. **FIRE-FIGHTING MEASURES**

**Extinguishing media:** Not flammable. Select extinguishing agent appropriate to other materials involved.

**Unusual Fire and Explosion Hazards:** This product may give rise to hazardous fumes in a fire.

**Protective equipment for fire-fighting:** - Wear full protective clothing and self-contained breathing apparatus.

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### 6. **ACCIDENTAL RELEASE**

This product may be collected by carefully scooping into a pan, paper towels or other absorbent material. If wax is hot, let cool before initiating clean up. To clean-up spills of cooled wax, use non sparking tools to scrape the wax into suitable containers for disposal. Wear appropriate protective clothing.

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### 7. **HANDLING AND STORAGE**

Keep container tightly closed when not in use. Storage area should be: - cool, dry, well ventilated away from incompatible materials.

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**8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

Occupational Exposure Standards:  
Exposure limits are listed below, if they exist:-

**Paraffin**

ACGIH: TLV 2mg/m<sup>3</sup> 8h TWA (fume)  
UK EH40@ OES 2mg/m<sup>3</sup> 8h TWA  
UK EH40: OES 6mg/m<sup>3</sup> 10 min TWA

**Polyisobutene**

None assigned

**Solvent Blue 36**

None assigned

**Engineering Control Measures**

No specific measures necessary. Good general room ventilation is expected to be adequate to control airborne levels. Heating of this product may generate vapors or fumes, therefore, local exhaust ventilation is recommended to keep airborne concentrations below exposure limits.

**Respiratory protection**

Respiratory protection if there is risk of breathing mists or vapors from heated material. The specific respirator selected must be based on the airborne concentration found in the workplace and must not exceed the working limits of the respirator.

**Hand Protection**

Chemical resistant gloves.

**Eye Protection**

Chemical goggles or safety glasses with side shields.

**Body Protection**

Normal work wear.

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**9. PHYSICAL & CHEMICAL PROPERTIES**

<b>Physical State</b>	Solid pellets
<b>Color</b>	Color – pale blue
<b>Odor</b>	Odorless
<b>Melting point</b>	54 - 57°C
<b>Flash point (PMCC)</b>	204 °C 400°F
<b>Auto-flammability</b>	245°C – for 100% paraffin
<b>Solubility in water</b>	insoluble

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**10. STABILITY AND REACTIVITY**

<b>Stability: -</b>	Stable under normal conditions.
<b>Conditions to avoid: -</b>	Heat – high temperatures
<b>Materials to avoid: -</b>	Reducing agents – strong acids
<b>Hazardous polymerization:</b>	Will not occur
<b>Hazardous decomposition products:</b>	acid smoke and irritating fumes – oxides of carbon.

**11. TOXICOLOGICAL INFORMATION**

<b>Acute toxicity</b>	Low order of acute toxicity predicted.
<b>Chronic toxicity carcinogenicity</b>	Paraffin: when implanted in rats (120 mg/kg) and mice (480-660 mg/kg), caused tumors of the bladder, lungs and thorax.
<b>Genotoxicity:</b>	This product is not expected to cause any mutagenic effects.
<b>Reproductive/Developmental toxicity:</b>	This product is not expected to cause reproductive or developmental health effects.

**12. ECOLOGICAL INFORMATION**

<b>Mobility</b>	No relevant studies identified.
<b>Persistence/degradability</b>	No relevant studies identified.
<b>Bio-accumulation</b>	No relevant studies identified.
<b>Ecotoxicity:</b>	No relevant studies identified.

**12. DISPOSAL CONDITIONS**

Dispose of in accordance with local and national regulations.

**14. TRANSPORT INFORMATION**

<b>DOT CFR 172.101 Data</b>	Not regulated
UN Proper Shipping Name	Not regulated
UN Class	None
UN Number	None
UN Packaging Group	None
Classification for AIR Transportation (IATA)	Consult current IATA Regulations prior to shipping by air.

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### 15. **REGULATORY INFORMATION**

**EU Label Information:** Classification and labelling have been performed according to EU directives 67/548/EEC and 99/45/EC including amendments.

**EU Hazard Symbol and Indication of Danger** According to EC Commission Directive 67/548/EEC this product is not classified.

**R phrase:** none

**S phrases:** none

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### 16. **OTHER INFORMATION**

The information contained herein is for health and safety guidance only and does not constitute a product specification. It is, to the best of our knowledge and belief accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable laws and regulations.