

**SECTION 1: IDENTIFICATION****Product Identifier****Product Form:** Mixture**Product Name:** ParaPro™ LMP**Product Code:** PPLMP**Synonyms:** Paraffin Wax**Intended Use of the Product**

Infiltration and Embedding media.

**Name, Address, and Telephone of the Responsible Party****Company**

StatLab Medical Products

2090 Commerce Drive

McKinney, TX 75069

800-442-3573

Fax 972-436-1369

[www.statlab.com](http://www.statlab.com)**Emergency Telephone Number****Emergency Number** : CHEMTREC 800-424-9300 (USA & Canada)

CHEMTREC 703-527-3887 (International)

Non-transport 972-436-1010 (USA)

**SECTION 2: HAZARDS IDENTIFICATION****Classification of the Substance or Mixture****GHS-US classification**

Not classified

**Label Elements****GHS-US Labeling** No labeling applicable**Other Hazards**

Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions. Molten material may produce fumes that are toxic or irritating. Risk of thermal burns on contact with molten product.

**Unknown Acute Toxicity (GHS-US)** Not available**SECTION 3: COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS****Mixture**

Name	Product Identifier	% (w/w)	GHS-US classification
Paraffin waxes, petroleum, hydrotreated	(CAS No) 64742-51-4	85	Not classified

**SECTION 4: FIRST AID MEASURES****Description of First Aid Measures****General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).**Inhalation:** When symptoms occur: go into open air and ventilate suspected area. If you feel unwell, seek medical advice.**Skin Contact:** Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Call a POISON CENTER or doctor/physician if you feel unwell. Cool skin rapidly with cold water after contact with molten product. Removal of solidified molten material from skin requires medical assistance.**Eye Contact:** Rinse cautiously with water for at least 15 minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Obtain medical attention if irritation persists. Removal of solidified molten material from the eyes requires medical assistance.**Ingestion:** Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.**Most Important Symptoms and Effects Both Acute and Delayed****General:** None expected under normal conditions of use.

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**Inhalation:** May cause respiratory irritation. Fumes from molten wax in product may cause mild (upper) respiratory irritation.

**Skin Contact:** May cause skin irritation. Risk of thermal burns on contact with molten product.

**Eye Contact:** May cause eye irritation. Risk of thermal burns on contact with molten product.

**Ingestion:** Ingestion is likely to be harmful or have adverse effects.

**Chronic Symptoms:** None expected under normal conditions of use.

### **Indication of Any Immediate Medical Attention and Special Treatment Needed**

If exposed or concerned, get medical advice and attention.

## **SECTION 5: FIRE-FIGHTING MEASURES**

### **Extinguishing Media**

**Suitable Extinguishing Media:** Water spray. Water fog. Dry chemical powder. Carbon dioxide (CO<sub>2</sub>). Alcohol-resistant foam.

**Unsuitable Extinguishing Media:** Do not use a heavy water stream. Use of heavy stream of water may spread fire.

### **Special Hazards Arising From the Substance or Mixture**

**Fire Hazard:** Not considered flammable but may burn at high temperatures. This material is a static accumulator. It may produce or accumulate static electricity with the risk of causing fire and explosion. Static charges can accumulate during shipping, unloading, pouring, or conveying.

**Explosion Hazard:** Product is not explosive.

**Reactivity:** Hazardous reactions will not occur under normal conditions.

### **Advice for Firefighters**

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire. Under fire conditions, hazardous fumes will be present.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection.

**Hazardous Combustion Products:** Carbon oxides (CO, CO<sub>2</sub>). Wax fumes. Smoke. Aldehydes. Incomplete combustion products.

### **Reference to Other Sections**

Refer to section 9 for flammability properties.

## **SECTION 6: ACCIDENTAL RELEASE MEASURES**

### **Personal Precautions, Protective Equipment and Emergency Procedures**

**General Measures:** Do not get in eyes, on skin, or on clothing. Do not breathe fumes or vapors from molten product.

#### **For Non-Emergency Personnel**

**Protective Equipment:** Use appropriate personal protection equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel.

#### **For Emergency Personnel**

**Protective Equipment:** Equip cleanup crew with proper protection.

**Emergency Procedures:** Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

### **Environmental Precautions**

Prevent entry to sewers and public waters.

### **Methods and Material for Containment and Cleaning Up**

**For Containment:** Contain and collect as any solid. Where possible allow molten material to solidify naturally.

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Spills should be cleaned up immediately and placed in approved containers. For small molten spills, allow product to cool and remove as a solid. Use cautious judgment when cleaning up large molten spills. Wear personal protective equipment as appropriate, shut off source of leak if safe to do so, dike and contain molten material, and collect in approved containers for disposal in accordance with federal, state, and local regulations. Do not take up in combustible material such as: saw dust or cellulosic material.

### **Reference to Other Sections**

See heading 8, Exposure Controls and Personal Protection. For further information refer to section 13.

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### SECTION 7: HANDLING AND STORAGE

#### Precautions for Safe Handling

**Additional Hazards When Processed:** When heated, the vapour/fumes given off may cause respiratory tract irritation. Prevent small spills and leakage to avoid slip hazard. In liquid state, material can accumulate static charges which may cause an electrical spark (ignition source). When the material is handled in bulk, an electrical spark could ignite any flammable vapors from liquids or residues that may be present (e.g., during switch-loading operations). Use proper bonding and/or earthing procedures. However, bonding and earthing may not eliminate the hazard from static accumulation. Consult local applicable standards for guidance. Additional references include American Petroleum Institute 2003 (Protection Against Ignitions Arising out of Static, Lightning and Stray Currents) or National Fire Protection Agency 77 (Recommended Practice on Static Electricity) or CENELEC CLC/TR 50404 (Electrostatics - Code of practice for the avoidance of hazards due to static electricity).

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Do not eat, drink or smoke when using this product.

#### Conditions for Safe Storage, Including Any Incompatibilities

**Technical Measures:** Handling this product may result in electrostatic accumulation. Use proper grounding procedures.

**Storage Conditions:** Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials.

**Incompatible Materials:** Strong acids. Strong bases. Strong oxidizers.

**Storage Temperature:** < 70 °C (< 158 °F)

#### Specific End Use(s)

Infiltration and Embedding media.

### SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

#### Control Parameters

For substances listed in section 3 that are not listed here, there are no established Exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), OSHA (PEL), Canadian provincial governments, or the Mexican government.

#### **Parvan 1270 (64742-51-4)**

<b>USA ACGIH</b>	ACGIH TWA (mg/m <sup>3</sup> )	2 mg/m <sup>3</sup>
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#### Exposure Controls

**Appropriate Engineering Controls:** Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Local exhaust and general ventilation must be adequate to meet exposure standards. Site-specific risk assessments should be conducted to determine the appropriate exposure control measures. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. Ensure all national/local regulations are observed.

**Personal Protective Equipment:** Safety glasses. Gloves. Protective clothing.



**Materials for Protective Clothing:** Chemically resistant materials and fabrics. With molten material wear thermally protective clothing.

**Hand Protection:** Wear chemically resistant protective gloves.

**Eye Protection:** Chemical goggles or safety glasses.

**Skin and Body Protection:** Wear suitable protective clothing. Wash contaminated clothing before reuse.

**Respiratory Protection:** If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn.

**Consumer Exposure Controls:** Do not eat, drink or smoke during use.

**Other Information:** When using, do not eat, drink or smoke.

### SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

#### Information on Basic Physical and Chemical Properties

**Physical State** : Solid

**Appearance** : Clear

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Odor	: Not available
Odor Threshold	: Not available
pH	: Not available
Evaporation Rate	: Not available
Melting Point	: 53 °C (127.4 °F) Parvan 1270 (64742-51-4)
Freezing Point	: Not available
Boiling Point	: Estimated > 316 °C (> 600.8 °F) Parvan 1270 (64742-51-4)
Flash Point	: 204 °C (399.2 °F) Parvan 1270 (64742-51-4) ASTM D-92
Auto-ignition Temperature	: Not available
Decomposition Temperature	: Not available
Flammability (solid, gas)	: Not available
Lower Flammable Limit	: Not available
Upper Flammable Limit	: Not available
Vapor Pressure	: Estimated < 0.013 kPa, 0.1 mm Hg @ 20 °C Parvan 1270 (64742-51-4)
Relative Vapor Density at 20 °C	: Not available
Relative Density	: 0.83 Parvan 1270 (64742-51-4)
Specific Gravity	: Not available
Solubility	: Not available
Partition Coefficient: N-Octanol/Water	: Not available
Viscosity	: Not available
Explosion Data – Sensitivity to Mechanical Impact	: Not expected to present an explosion hazard due to mechanical impact.
Explosion Data – Sensitivity to Static Discharge	: Not expected to present an explosion hazard due to static discharge.

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** Hazardous reactions will not occur under normal conditions.

**Chemical Stability:** The product is stable at normal handling and storage conditions.

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**Conditions to Avoid:** Direct sunlight. Extremely high or low temperatures.

**Incompatible Materials:** Strong acids. Strong bases. Strong oxidizers.

**Hazardous Decomposition Products:** Thermal decomposition generates: Carbon oxides (CO, CO<sub>2</sub>). Wax fumes. Smoke. Aldehydes. Incomplete combustion products.

## SECTION 11: TOXICOLOGICAL INFORMATION

### Information on Toxicological Effects - Product

**Acute Toxicity:** Not classified

**LD50 and LC50 Data:**

ParaPro™ LMP	
LD50 Oral Rat	> 5000 mg/kg Parvan 1270 (64742-51-4)
LD50 Dermal Rat	> 2000 mg/kg Parvan 1270 (64742-51-4)

**Skin Corrosion/Irritation:** Not classified

**Serious Eye Damage/Irritation:** Not classified

**Respiratory or Skin Sensitization:** Not classified

**Germ Cell Mutagenicity:** Not classified

**Teratogenicity:** Not classified

**Carcinogenicity:** Not classified

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified

**Reproductive Toxicity:** Not classified

**Specific Target Organ Toxicity (Single Exposure):** Not classified

**Aspiration Hazard:** Not classified

**Symptoms/Injuries After Inhalation:** May cause respiratory irritation. Fumes from molten wax in product may cause mild (upper) respiratory irritation.

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**Symptoms/Injuries After Skin Contact:** May cause skin irritation. Risk of thermal burns on contact with molten product.

**Symptoms/Injuries After Eye Contact:** May cause eye irritation. Risk of thermal burns on contact with molten product.

**Symptoms/Injuries After Ingestion:** Ingestion is likely to be harmful or have adverse effects.

**Chronic Symptoms:** None expected under normal conditions of use.

### Information on Toxicological Effects - Ingredient(s)

**LD50 and LC50 Data:**

Paraffin waxes, petroleum, hydrotreated (64742-51-4)	
LD50 Oral Rat	10000 mg/kg
LD50 Dermal Rabbit	> 3600 mg/kg

## SECTION 12: ECOLOGICAL INFORMATION

**Toxicity** Not classified

### Persistence and Degradability

ParaPro™ LMP	
Persistence and Degradability	Hydrocarbon component- Expected to be inherently biodegradable

### Bioaccumulative Potential

ParaPro™ LMP	
Bioaccumulative Potential	Hydrocarbon component- Has the potential to bioaccumulate, however metabolism or physical properties may reduce the bioconcentration or limit bioavailability.

### Mobility in Soil

ParaPro™ LMP	
Mobility in Soil	Hydrocarbon component- Low solubility and floats and is expected to migrate from water to the land. Expected to partition to sediment and wastewater solids.

### Other Adverse Effects

**Other Information:** Avoid release to the environment.

## SECTION 13: DISPOSAL CONSIDERATIONS

**Waste Disposal Recommendations:** Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

**Ecology – Waste Materials:** Avoid release to the environment.

## SECTION 14: TRANSPORT INFORMATION

**In Accordance With ICAO/IATA/DOT/TDG**

**14.1. UN Number** Not regulated for transport

**14.2. UN Proper Shipping Name** Not regulated for transport

**14.3. Additional Information** Not regulated for transport

**Transport by Sea** Not regulated for transport

**Air Transport** Not regulated for transport

## SECTION 15: REGULATORY INFORMATION

### US Federal Regulations

Paraffin waxes, petroleum, hydrotreated (64742-51-4)	
Listed on the United States TSCA (Toxic Substances Control Act) inventory	

### US State Regulations

Neither this product nor its chemical components appear on any US state lists.

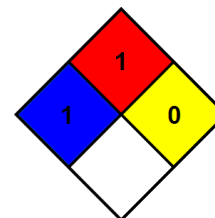
### Canadian Regulations

ParaPro™ LMP	
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria
Paraffin waxes, petroleum, hydrotreated (64742-51-4)	
Listed on the Canadian DSL (Domestic Substances List)	
WHMIS Classification	Uncontrolled product according to WHMIS classification criteria

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

### SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

<b>Revision Date</b>	: 03/17/2016
<b>Other Information</b>	: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.
<b>NFPA Health Hazard</b>	: 1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.
<b>NFPA Fire Hazard</b>	: 1 - Must be preheated before ignition can occur.
<b>NFPA Reactivity</b>	: 0 - Normally stable, even under fire exposure conditions, and are not reactive with water.



#### HMIS III Rating

<b>Health</b>	: 1 Slight Hazard - Irritation or minor reversible injury possible
<b>Flammability</b>	: 1 Slight Hazard
<b>Physical</b>	: 0 Minimal Hazard

#### Party Responsible for the Preparation of This Document

StatLab Medical Products  
Phone Number: 800-442-3573

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*

NA GHS SDS