

**1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION****Material Identity**

Product Name: Propylux 944

General or Generic ID: THERMOPLASTIC RESIN

**Company**Westlake Plastics  
West Lenni Road  
Lenni, PA 19052**Emergency Telephone Number:**

(610) 459-1000

**2. COMPOSITION/INFORMATION ON INGREDIENTS**

Ingredient(s)	% (by weight)
THERMOPLASTIC RESIN	93.0 97.0
STABILIZERS	3.0 7.0

**3. HAZARDS IDENTIFICATION****Potential Health Effects****Eye**

Dust can cause eye irritation. Symptoms include stinging, tearing, redness, and swelling of eyes. Molten material causes thermal burns.

**Skin**

Unlikely to cause skin irritation or injury. Molten material causes thermal burns. This material is unlikely to pass into the body through the skin.

**Swallowing**

Swallowing this material is not likely to be harmful.

**Inhalation**

This material is a dust or may produce dust. Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful.

**Symptoms of Exposure**

Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage of the material through the skin may include: irritation (nose throat, airways).

**Target Organ Effects**

No data

**Developmental Information**

No data

**Cancer Information**

No data

**Other Health Effects**

Thermal processing of this product can produce fumes and/or vapors. Components of these releases may vary with processing times and temperatures and therefore specific composition cannot be predicted. These fumes and/or vapors may produce eye, skin and/or respiratory tract irritation. With repeated and prolonged exposure at high concentrations, these fumes and/or vapors could cause central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache).

**Primary Route(s) of Entry**

Inhalation, Skin contact, Eye contact.

**4. FIRST AID MEASURES****Eyes**

If symptoms develop, move individual away from exposure and into fresh air. Flush eyes gently with water while holding eyelids apart. If symptoms persist or there is any visual difficulty, seek medical attention. If eye contact with molten material occurs, hold eyelids apart and flush eyes gently with cool water. Seek immediate medical attention.

**Skin**

First aid is not normally required. However, it is recommended that exposed areas be cleaned by washing with soap and water. If skin contact with molten material occurs, flush exposed area with cool water. Do not forcibly remove material adhering to the skin. Seek immediate medical attention.

**Swallowing**

First aid is not normally required. If symptoms develop, seek medical attention.

**Inhalation**

First aid is not normally required. If symptoms develop, move individual away from exposure and into fresh air. If symptoms persist, seek medical attention.

**Note to Physicians**

Preexisting disorders of the following organs (or organ systems) may be aggravated by exposure to this material: lung (for example, asthma like conditions).

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**5. FIRE FIGHTING MEASURES****Flash Point**

Not applicable

**Explosive Limit**

Not applicable

**Autoignition Temperature**

No data

**Hazardous Products of Combustion**

carbon dioxide and carbon monoxide, various hydrocarbons.

**Fire and Explosion Hazards**

No special fire hazards are known to be associated with this product.

**Extinguishing Media**

regular foam, water fog, carbon dioxide, dry chemical.

**Fire Fighting Instructions**

Wear a self contained breathing apparatus with a full facepiece operated in the positive pressure demand mode with appropriate turn out gear and chemical resistant personal protective equipment. Refer to the personal protective equipment section of this MSDS.

**NFPA Rating**

Health 1, Flammability 1, Reactivity 0

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**6. ACCIDENTAL RELEASE MEASURES****Small Spill**

Sweep up material for disposal or recovery. Plastic pellets may present a slipping hazard when spilled on walking surfaces.

**Large Spill**

Shovel material into containers. Thoroughly sweep area of spill to clean up any residual material. Plastic pellets may present a slipping hazard when spilled on walking surfaces.

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**7. HANDLING AND STORAGE****Handling**

No adverse health effects are anticipated from the product at room temperature. However, at process temperatures, the product can emit fumes and vapors which may cause irritation of the eyes and respiratory tract. Any exposure will depend upon processing technique and temperature, volume processed and the effectiveness of exhaust ventilation provided for the process. Effects of chronic exposure to off gases at processing temperatures have not been fully evaluated. Generally, flame retardant additives and pigment additives are encapsulated in an impervious plastic matrix. These additives are not expected to present a hazard. Pellets may build up static electricity when being transferred from one container to another. Mechanical handling equipment can cause formation of dusts. Maintain good housekeeping. Dust layers should not be permitted to accumulate in order to avoid any potential for dust explosion hazards.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Eye Protection**

Wear safety glasses in compliance with OSHA regulations. (Consult your safety representative.)

**Skin Protection**

Consult your safety, products supplier for proper protective equipment to use in thermal processing operations; Not normally required for handling of product; Wear normal work clothing covering arms and legs; Other protective equipment: Consult your safety products supplier for proper protective equipment to use for thermal processing operations.

**Respiratory Protections**

If overexposure has been determined or documented, a NIOSH/MSHA jointly approved air supplied respirator is advised in absence of proper environmental control. OSHA regulations also permit other NIOSH/MSHA respirators under specified conditions. (See your safety equipment supplier. Engineering or administrative controls should be implemented to reduce exposure.

**Engineering Controls**

Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below level of overexposure (from known, suspected or apparent adverse effects).

**Exposure Guidelines****Component**

THERMOPLASTIC RESIN  
No exposure limits established

STABILIZERS  
No exposure limits established

**9. PHYSICAL AND CHEMICAL PROPERTIES****Boiling Point**

Not applicable

**Vapor Pressure**

Not applicable

**Specific Vapor Density**

Not applicable

**Specific Gravity**

.880 .920 @ 77.00 F

**Liquid Density**

No data

**Percent Volatiles**

No data

**Evaporation Rate**  
Not applicable

**Appearance**  
No data

**State**  
SOLID

**Physical Form**  
PELLETS

**Color**  
NATURAL

**Odor**  
No data

**pH**  
Not applicable

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**10. STABILITY AND REACTIVITY**

**Hazardous Polymerization**  
Product will not undergo hazardous polymerization.

**Hazardous Decomposition**  
carbon dioxide and carbon monoxide, various hydrocarbons.

**Chemical Stability**  
Stable.

**Incompatibility**  
Avoid contact with: strong oxidizing agents.

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**11. TOXICOLOGICAL INFORMATION**

No data

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**12. ECOLOGICAL INFORMATION**

No data

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**13. DISPOSAL CONSIDERATION**

**Waste Management Information**  
Dispose of in accordance with all applicable local, state and federal regulations.

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**14. TRANSPORT INFORMATION**

**DOT Information 49 CFR 172.101 DOT Description:**  
NON REGULATED BY D.O.T.

**Container/Mode:**  
55 GAL DRUM/TRUCK PACKAGE

**NOS Component:**  
None

**RQ (Reportable Quantity) 49 CFR 172.101**  
Not applicable

**Other Transportation Information**  
The DOT Transport Information may vary with the .container and mode of shipment.

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**15. REGULATORY INFORMATION**

**US Federal Regulations**

**TSCA (Toxic Substances Control Act) Status**  
TSCA (UNITED STATES) The intentional ingredients of this product are listed.

**CERCLA RQ 40 CFR 302.4(a)**  
None listed

**SARA 302 Components 40 CFR 355 Appendix A**  
None

**Section 311/312 Hazard Class 40 CFR 370.2**  
Immediate(X)      Delayed( )      Fire( )      Reactive( )      Sudden Release of Pressure( )

**SARA 313 Components 40 CFR 372.65**  
None

**OSHA Process Safety Management 29 CFR 1910**  
None listed

**EPA Accidental Release Prevention 40 CFR 68**  
None listed

**International Regulations**

**Inventory Status**  
Not determined

**State and Local Regulations**

**California Proposition 65**  
None

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**16. OTHER INFORMATION**

The information accumulated herein is believed to be accurate but is not warranted to be whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

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