

1. Identification

Product Identifier: **PolyOptic® 1730X Clear Urethane Part B**
PolyOptic® 1730 Clear Urethane Part B

Product Code(s): 1730XB, 1730B

Use: Component for Mold Making and Casting. For Industrial/Professional use only.

Manufacturer: Polytek Development Corp.
 55 Hilton Street, Easton, PA 18042

Phone Number: 610-559-8620 (9 a.m. to 5 p.m. EST)

Emergency Phone: CHEMTREC 800-424-9300 or +1 (703) 527-3887

E-mail: sales@polytek.com

2. Hazards Identification

GHS Classification:

Eye Irritation Category 2A
 Skin Sensitization Category 1

Label Elements: Warning!



Hazard Phrases:

H317 May cause an allergic skin reaction
 H319 Causes serious eye irritation.

Precautionary Phrases:

P261 Avoid breathing mist, vapor or spray.
 P264 Wash thoroughly after handling.
 P272 Contaminated work clothing should not be allowed out of the work area.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P302 + P352 IF ON SKIN: Wash with plenty of soap and water.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P333 + P313 If skin irritation or rash occurs: Get medical advice or attention.
 P337+P313 If eye irritation persists: Get medical advice or attention.
 P362+P364 Take off contaminated clothing and wash before reuse.
 P501 Dispose of contents and container in accordance with local, regional and national regulations.

Supplemental Information: Read and understand the hazard information on Part A before using.

3. Composition/Information on Ingredients

Chemical Name	CAS #	%
Propoxylated Amine	102-60-3	35-45
Dimethyltin neodecanoate	68928-76-7	0-5
Other ingredients are not classified as health, physical or environmental hazards, or are present below cut-off/concentrations limits.		

4. First-Aid Measures

Eye Contact: Rinse thoroughly with water, holding the eyelids open to be sure the material is washed out. Remove contact lenses if safe and easy to do. Continue rinsing. Get medical attention if irritation persists

Skin Contact: Remove contaminated clothing. Wash contact area thoroughly with soap and water. Get medical attention if irritation persists.

Inhalation: Remove person to fresh air. Get medical attention if symptoms persist.

Ingestion: Do not induce vomiting unless directed to do so by medical personnel. Get medical attention.

Most Important Symptoms/Effects: Causes serious eye irritation. May cause an allergic skin reaction.

Indication of Immediate Medical Attention/Special Treatment: If product gets in eyes, immediately flush with water.

5. Fire-Fighting Measures

Extinguishing Media: Use water fog, foam, carbon dioxide or dry chemical. Do not use solid water stream. Solid stream of water into hot product may cause violent steam generation or eruption.

Specific Hazards: Not classified as flammable or combustible. Product will burn under fire conditions. Combustion products include oxides of carbon and nitrogen and other toxic organic compounds.

Special Protective Equipment & Precautions for Fire-Fighters: Wear positive pressure, self-contained breathing apparatus and full-body protective clothing. Cool fire-exposed containers with water.

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency

Procedures: Remove all ignition sources. Clear non-emergency personnel from the area. Wear appropriate protective clothing to prevent eye and skin contact and avoid breathing vapors. Caution – spill area may be slippery.

Methods and Materials for Containment and Cleanup: Cover with an inert absorbent material and collect into an appropriate container for disposal. Avoid releases to the environment. Report spills and releases as required to appropriate authorities.

7. Handling and Storage

Safe Handling: Use with adequate ventilation. Avoid contact with the eyes, skin and clothing. Wash thoroughly after handling. Do not eat, drink or smoke in the work area. Keep container closed when not in use.

Safe Storage: Store in a cool, dry place. Store in original containers. Avoid getting moisture into containers. Keep containers tightly closed.

8. Exposure Controls/Personal Protection

Occupational Exposure Limits: None established.

Ventilation: Use with adequate general or local exhaust ventilation to minimize exposure levels.

Respiratory Protection: If needed, an approved respirator with organic vapor cartridges may be used. Respirator selection and use should be based on contaminant type, form and concentration.

Skin Protection: Wear impervious gloves, such as butyl rubber or nitrile rubber.

Eye Protection: Wear chemical safety goggles.

Other Protective Measures: Wear impervious clothing to prevent skin contact and contamination of personal clothing. An eye wash facility and washing facility should be available in the work area. Follow applicable regulations and good Industrial Hygiene practice.

9. Physical and Chemical Properties

Appearance: Clear liquid

Odor: Mild

Odor Threshold: No data available

pH: No data available

Melting Point: No data available

Boiling Point: No data available

Flash Point: No data available

Evap. Rate: No data available

Upper/Lower Flammability Limits: No data available
Vapor Pressure: No data available
Vapor Density: No data available
Relative Density: No data available
Solubility: No data available
Partition Coefficient: n-octanol/Water: No data available
Auto-Ignition Temp: No data available
Decomposition Temp: No data available
Viscosity: No data available

10. Stability and Reactivity

Reactivity: Not normally reactive.
Chemical Stability: Stable under recommended conditions.
Possibility of Hazardous Reactions: None known.
Conditions to Avoid: Avoid excessive heat and moisture.
Incompatible Materials: Avoid contact with strong acids, bases and strong oxidizing agents.
Hazardous Decomposition Products: Thermal decomposition will generate oxides of carbon, organic acids, and/or other toxic organic compounds.

11. Toxicological Information

Eye Contact: Causes serious eye irritation.
Skin Contact: May cause mild irritation.
Inhalation: Vapors and mists may cause mild respiratory irritation.
Ingestion: No information available.
Chronic Health Effects: No data available.
Acute Toxicity Values: No data available.
Respiratory Irritation: Components are not classified as respiratory irritants.
Respiratory Sensitization: Components are not respiratory sensitizers.
Skin Sensitization: Components are classified as skin sensitizers.
Germ Cell Mutagenicity: Components are not mutagens.
Carcinogenicity: Components are not carcinogens.
Reproductive Toxicity: Components are not reproductive toxins.
Specific Target Organ Toxicity: Single Exposure: No data available.
Repeat Exposure: No data available.

12. Ecological Information

Ecotoxicity: This product is not classified as hazardous to the aquatic environment. Do not release into waterways.
Persistence and Degradability: No data available.
Bioaccumulative Potential: Not expected to bioaccumulate.
Mobility in Soil: No data available.

13. Disposal Considerations

Dispose according to local, state and federal regulations.
For U.S.: Upon disposal, this product is not a RCRA hazardous waste (per 40 CFR 261).

14. Transport Information

Not regulated for transport in any mode.
Emergency Shipping Information: CHEMTREC, 800-424-9300 or +1-703-527-3887

15. Regulatory Information

U.S. FEDERAL REGULATIONS:
CERCLA 103 Reportable Quantity: This product is not subject to reporting under CERCLA. Some states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

SARA TITLE III

Section 313 Toxic Chemicals: This product contains no chemicals subject to SARA Title III Section 313 Reporting requirements.
Section 302 Extremely Hazardous Substances (TPQ): None

EPA Toxic Substances Control Act (TSCA) Status: All of the components of this product are listed on TSCA.

STATE REGULATIONS:

California Proposition 65: This product does NOT contain substances known to the State of California to cause cancer and/or reproductive harm.

16. Other Information

Training Advice: All personnel using/handling this product should be trained in proper chemical handling and the need for and use of engineering controls and protective equipment.

Recommended Uses and Restrictions: This product is intended for industrial/professional use only.

SDS Revision Notes: New GHS Format October 22, 2019

Disclaimer: The information contained herein is considered accurate; however, Alumilite makes no warranty regarding the accuracy of the information. The user must determine the suitability of the product for the intended use and accepts all risk and liability associated with that use.