

1. Identification

Product Identifier: **EasyFlo 60 Liquid Plastic Part B**
EasyFlo 120 Liquid Plastic Part B
EasyFlo Clear Liquid Plastic Part B

Product Code(s): EZFLO60B, EZFLO120B, EZCLRB

Use: Component for Polyurethane Casting/Mold Shell Plastic. For Industrial/Professional use only.

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

Phone Number: 610-559-8620 (8 a.m. to 6:30 p.m. EST)

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

E-mail: sds@polytek.com

2. Hazards Identification

GHS Classification:

Eye Irritation Category 2A
 Reproductive Toxin Category 2

Label Elements: Warning



Hazard Phrases

H319 Causes serious eye irritation.
 H361 Suspected of damaging fertility or the unborn child.

Precautionary Phrases

P203 Obtain, read, and follow all safety instructions before use.
 P264 Wash hands thoroughly after handling.
 P280 Wear protective gloves, protective clothing, and eye protection/face protection.
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P318 IF exposed or concerned, get medical advice.
 P337+P317 If eye irritation persists: Get medical help.
 P501 Dispose of contents and container in accordance with local, regional, and national regulations.

Supplemental Information: This is one part of a two-part system. Read and understand the hazard information on Part A before using.

3. Composition/Information on Ingredients

Chemical Name	CAS #	%
Alkoxylated amine	Trade secret	30-40
2,2,4-trimethyl-1,3-pentanediol diisobutyrate	6846-50-0	30-40

4. First-Aid Measures

Eye Contact: Rinse thoroughly with water, holding the eyelids open to be sure the material is washed out. Get medical attention if irritation develops or persists.

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

Inhalation: If breathing is difficult, remove person to fresh air and keep comfortable for breathing. Get medical attention if you feel unwell.

Ingestion: If swallowed, rinse mouth. Drink water. Induce vomiting only with medical supervision. Get medical attention if you feel unwell.

Most Important Symptoms/Effects: Causes eye irritation.

Indication of Immediate Medical Attention/Special Treatment: Treat symptoms.

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.

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 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 indoors at 60-95°F (15-35°C). 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.

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. For higher exposures or in an emergency, use a supplied-air respirator.

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

Eye Protection: Wear chemical safety glasses or goggles.

Other Protective Measures: Wear protective 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, colorless liquid

Odor: Slightly sweet

Odor Threshold: No data available

pH: Not applicable

Melting Point: No data available

Boiling Point: No data available

Flash Point: >128°C (262°F)

Evap. Rate: No data available

Flamm. Limits: No data available

Vapor Pressure: ≤ 1 mm Hg @ 20°C

Vapor Density: No data available

Relative Density: 1.0 @ 25°C

Solubility: Slightly soluble in water

Partition Coefficient: n-octanol/Water: No data available

Auto-Ignition Temp: No data available

Decomposition Temp: No data available

Viscosity: ≤ 160 cP @ 25°C

10. Stability and Reactivity

Reactivity: Not normally reactive.

Chemical Stability: Stable under recommended conditions.

Possibility of Hazardous Reactions: Reaction with strong oxidizers generates heat.

Conditions to Avoid: Excessive heat and exposure to sunlight.

Incompatible Materials: Strong oxidizers.

Hazardous Decomposition Products: Thermal decomposition will generate oxides of carbon and nitrogen, organic acids, and other toxic organic compounds.

11. Toxicological Information

Eye Contact: Causes serious eye irritation.

Skin Contact: May cause mild skin irritation.

Inhalation: May cause mild respiratory irritation.

Ingestion: No data available

Chronic Health Effects: No data available

Acute Toxicity Values: Not acutely hazardous.

Germ Cell Mutagenicity: Components are not mutagens.

Carcinogenicity: Components are not carcinogens.

Reproductive Toxicity: Components are not reproductive toxins.

Specific Target Organ Toxicity: No data available.

12. Ecological Information

Ecotoxicity: No data available. Do not release into the environment.

Persistence and Degradability: No data available.

Bioaccumulative Potential: No data available.

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 by 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:

Hazard Category for Section 311/312: Acute health.

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 components are listed on the TSCA Inventory.

STATE REGULATIONS:

California Proposition 65: This product does not contain chemicals known to the State of California to cause cancer and/or reproductive harm. <https://www.p65warnings.ca.gov/>

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 or professional use only.

SDS Revision Notes: Updated: February 8, 2021; Reviewed/updated, March 7, 2019; Jan. 20, 2016: supersedes SDS dated Jan. 6, 2014. Revised GHS Hazard Classification based on updated information from suppliers.

Disclaimer: The information contained herein is considered accurate; however, Polytek® Development Corp. 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.