

## 1. Identification

Product Identifier: **EasyFlo 90 Liquid Plastic Part B**  
 Product Code(s): EZFLO90B  
 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](mailto: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 skin thoroughly after handling.  
 P280 Wear protective gloves, protective clothing, and eye/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.  
 P405 Store locked up.  
 P501 Dispose of contents and containers in accordance with local, regional, and national regulations.

**Supplemental Information:** May cause skin irritation. Avoid contact with eyes, skin and clothing.

## 3. Composition/Information on Ingredients

Chemical Name	CAS #	%
Polyether polyol	25214-63-5	60-70
2,2,4-trimethyl-1,3-pentanediol diisobutyrate	6846-50-0	10-20
Exact concentrations are withheld as trade secret. Other ingredients are not listed because they are either not hazardous or are below concentration/cut-off thresholds.		

## 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:** 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. Get medical attention if you feel unwell. .

**Ingestion:** If swallowed, rinse mouth. Do not induce vomiting. Get medical attention if you feel unwell.

**Most Important Symptoms/Effects:** Causes eye irritation.

**Indication of Immediate Medical Attention/Special Treatment:** Not expected to be required.

## 5. Fire-Fighting Measures

**Extinguishing Media:** Carbon dioxide, dry chemical, foams, or water spray.

**Specific Hazards:** Not classified as flammable or combustible. May generate toxic/irritating compounds and dense smoke in fire conditions.

### Special Protective Equipment and Precautions for Fire-Fighters:

Wear SCBA & full-body protective suit. Cool hot containers with water.

## 6. Accidental Release Measures

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

Wear protective clothing to prevent eye and skin contact.

**Methods and Materials for Containment and Cleanup:** Contain spill and prevent/minimize release to the environment. Absorb spilled material with an inert absorbent material. Collect and containerize material. Dispose of residue in accordance with state and local regulations.

## 7. Handling and Storage

**Safe Handling:** Use in well-ventilated area. Avoid contact with eyes, skin and clothing. Do not eat, drink or smoke in work area. Wash hands after handling. See Section 8.

**Safe Storage:** Store indoors at temperatures between 60 and 95°F. Store in original containers. Avoid getting moisture into containers. Keep containers tightly closed.

## 8. Exposure Controls/Personal Protection

**Exposure Limits:** None established.

**Engineering Controls:** Provide general exhaust to minimize airborne concentrations.

**Personal Protective Equipment:** Wear eye protection (e.g., chemical safety glasses) and protective gloves (e.g., nitrile rubber).

**Other Protective Measures:** None.

## 9. Physical and Chemical Properties

**Appearance:** Clear, yellow liquid

**Odor:** Mild

**Odor Threshold:** No data available

**pH:** Not applicable

**Melting Point:** No data available

**Boiling Point:** 100°C (212°F)

**Flash Point:** No data available

**Evap. Rate:** No data available

**Flamm. Limits:** No data available

**Vapor Pressure:** No data available

**Vapor Density:** No data available

**Relative Density:** 1.007 @ 25°C

**Solubility:** No data available

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

**Auto-Ignition Temp:** No data available

**Decomposition Temp:** No data available

**Viscosity:** 272 cPs

## 10. Stability and Reactivity

**Reactivity:** Not normally reactive.

**Chemical Stability:** Stable under recommended conditions.

**Possibility of Hazardous Reactions:** No data available.

**Conditions to Avoid:** No data available.

**Incompatible Materials:** No data available.

**Hazardous Decomposition Products:** Thermal decomposition will generate oxides of carbon.

information. The user must determine the suitability of the product for the intended use and accepts all risk and liability associated with that use.

## 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:** None known.

**Acute Toxicity Values:** Not acutely hazardous.

**Germ Cell Mutagenicity:** Components are not known mutagens.

**Carcinogenicity:** Components are not listed as known or suspected carcinogens by NTP, IARC or OSHA.

**Reproductive Toxicity:** Components are not known or suspected reproductive toxins.

**Specific Target Organ Toxicity:** No data available.

## 12. Ecological Information

**Ecotoxicity:** No data available. Avoid release to 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, regional and national regulations.

**U.S.:** Upon disposal, these products are not RCRA hazardous waste (per 40 CFR 261).

## 14. Transport Information

Not regulated for transport in any mode.

**Emergency Shipping Information:** Call 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.

### SARA TITLE III:

**Hazard Category for Section 311/312:** Acute health hazard.

**Section 313 Toxic Chemicals:** 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 TSCA.

### STATE REGULATIONS:

**California Proposition 65: WARNING:** This product can expose you to chemicals including Diisononyl phthalate, which is 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:** New product. March 16, 2018; Updated: February 8, 2021.

**Disclaimer:** The information contained herein is considered accurate; however, Polytek® Development Corp. makes no warranty regarding the accuracy of the