

**Section 1: Identification of the Substance/Mixture and of the Company/Undertaking**

**1.1 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

**1.2 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against:** Component for Polyurethane Casting/Mold Shell Plastic. For Industrial/Professional Use only. Do not use in toys or childcare articles that can be placed in the mouth.

**1.3 Details of the Supplier of the Safety Data Sheet**

Manufacturer: Polytek Development Corp.  
55 Hilton St., Easton, PA 18042 USA  
Phone: 610-559-8620 (9 a.m. to 5 p.m. EST)  
E-mail: [sds@polytek.com](mailto:sds@polytek.com)

EU OR: Stewardship Solutions  
Green Lowe Farm, Shawclough Rd  
Waterfoot, Rossendale, Lancs. BB4 9SA, UK  
Phone: (+44) 01706 220901

**1.4 Emergency Telephone Number:** CHEMTREC 800-424-9300 or 001-703-527-3887

**Section 2: Hazards Identification****2.1 Classification of the Substance or Mixture:**

CLP/GHS (No 1272/2008): Eye Irritation Category 2A

**2.2 Label Elements:** Warning



Contains alkoxyated amine.

**Hazard Phrases**

H319 Causes serious eye irritation.

**Precautionary Phrases**

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves and eye protection/face protection.

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+313 If eye irritation persists: Get medical attention.

P501 Dispose of contents and container in accordance with local, regional and national regulations.

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

**2.3 Other Hazards:** None

**Section 3: Composition/Information on Ingredients****3.2 Mixtures**

Chemical Name	CAS #	EC #	CLP Annex VI Classification	%
Alkoxyated amine	102-60-3	203-041-4	Eye Irritation 2A	30-40
Phthalate ester	Trade secret	Trade secret	Not Hazardous	30-50
Alkyl polyol blend	Trade secret	Trade secret	Not Hazardous	0-25

**Section 4: First-Aid Measures****4.1 Description of First Aid Measures**

**Eye:** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation persists.

**Skin:** 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

**4.2 Most Important symptoms and effects, both acute and delayed:** May cause mild skin and eye irritation.

**4.3 Indication of any immediate medical attention and special treatment needed:** Immediate medical attention is not required.

### Section 5: Fire-Fighting Measures

**5.1 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.

**5.2 Special Hazards Arising from the Substance or Mixture**

**Unusual Fire and Explosion Hazards:** Not classified as flammable or combustible. Product will burn under fire conditions.

**Combustion Products:** Oxides of carbon and dense smoke.

**5.3 Advice for Fire-Fighters:** Wear an approved, positive pressure, self-contained breathing apparatus and full protective clothing. Cool fire exposed containers with water.

### Section 6: Accidental Release Measures

**6.1 Personal Precautions, Protective Equipment and Emergency Procedures:** Remove all ignition sources. Clear non-emergency personnel from the area. Wear appropriate protective clothing to avoid eye and skin contact and avoid breathing of vapours. Caution – spill area may be slippery.

**6.2 Environmental Precautions:** Avoid release to the environment. Report spills and releases as required to appropriate authorities.

**6.3 Methods and Material for Containment and Cleaning Up:** Cover with an inert absorbent material and collect into an appropriate container for disposal.

**6.4 Reference to Other Sections:** Refer to Section 8 for protective clothing and Section 13 for disposal.

### Section 7: Handling and Storage

**7.1 Precautions for 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.

**7.2 Conditions for Safe Storage, Including any Incompatibilities:** Store indoors at temperatures between 15 and 26°C (60 and 80°F). Store in original containers. Avoid getting moisture into containers. Keep containers tightly closed.

**7.3 Specific end use(s):** None identified

### Section 8: Exposure Controls/Personal Protection

**8.1 Control Parameters:**

**Occupational Exposure Limits:** None Established

**Biological Exposure Index:** None Established

**Derived No Effect Level (DNEL):** None Established

**Predicted No Effect Concentration (PNEC):** None Established

**8.2 Exposure Controls:**

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

**Respiratory Protection:** If needed, an approved respirator with organic vapour cartridges may be used. Respirator selection and use should be based on contaminant type, form and concentration. Follow applicable regulations and good Industrial Hygiene practice.

**Skin Protection:** Impervious gloves such as butyl rubber or nitrile rubber are recommended.

**Eye Protection:** Chemical safety goggles recommended.

**Other Protective Equipment:** Impervious clothing is required to prevent skin contact and contamination of personal clothing. An eye wash facility and washing facility should be available in the work area.

### Section 9: Physical and Chemical Properties

**9.1 Information on basic Physical and Chemical Properties**

**Appearance:** Clear, colorless liquid

**Odour:** Slightly sweet

**Odour Threshold:** No data available

**pH:** Not applicable

**Melting Point/Freezing Point:** No data available

**Boiling Point:** No data available

**Flash Point:** >128°C (262°F)

**Evaporation Rate:** No data available

**Flammability (solid, gas):** Not applicable

**Flammable Limits:** No data available

**Vapour Pressure:** <1.33 hPa@20°C (<1 mmHg @20°C)

**Vapour Density:** No data available

**Relative Density:** 1.0 @ 25°C

**Solubility:** Slightly soluble in water

**Partition Coefficient: n-Octanol/Water:** No data

**Autoignition Temperature:** No data available

**Decomposition Temperature:** No data available

**Viscosity:** ≤160 cP @ 25°C

**Explosive Properties:** Not explosive

**Oxidizing Properties:** Not oxidizing

**9.2 Other Information:** None available

**Section 10: Stability and Reactivity**

- 10.1 Reactivity:** Not normally reactive.
- 10.2 Chemical Stability:** Stable under recommended conditions.
- 10.3 Possibility of Hazardous Reactions:** Reaction with strong oxidizers generates heat.
- 10.4 Conditions to Avoid:** Avoid excessive heat.
- 10.5 Incompatible Materials:** Avoid contact with strong oxidizers.
- 10.6 Hazardous Decomposition Products:** Thermal decomposition will generate oxides of carbon.

**Section 11: Toxicological Information**

**11.1 Information on Toxicological Effects:**

**Potential Health Effects:**

- Eye Contact:** Causes serious eye irritation.
- Skin Contact:** May cause mild irritation.
- Inhalation:** Mists may cause mild respiratory irritation.
- Ingestion:** Single oral dose toxicity is low. No harmful effects anticipated from ingesting small amounts incidental to normal handling. Large amounts may cause gastrointestinal effects.

**Chronic Health Effects:** None known.

**Acute Toxicity Values:** Alkyl polyol blend: Oral rat LD50 >2,000 mg/kg; Skin rabbit LD50 >2,000 mg/kg

**Skin Corrosion/Irritation:** Components are not skin irritants.

**Eye Damage/Irritation:** Mixture is Eye Irritant Category 2A.

**Respiratory Irritation:** Components are not respiratory irritants.

**Respiratory Sensitization:** Components are not respiratory sensitizers.

**Skin Sensitization:** Components are not 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.

**Section 12: Ecological Information**

- 12.1 Toxicity:** This material is not classified as dangerous to aquatic organisms (Alkyl polyol blend: LC50/EC50 greater than 100 mg/L in most sensitive species).
- 12.2 Persistence and Degradability:** Not readily biodegradable.
- 12.3 Bioaccumulative Potential:** No data available.
- 12.4 Mobility in Soil:** No data available.
- 12.5 Results of PBT and vPvB Assessment:** No data available.
- 12.6 Other Adverse Effects:** No data available.

**Section 13: Disposal Considerations**

**13.1 Waste Treatment Methods:** Dispose in accordance with all local, state and federal regulations.

**Section 14: Transport Information**

	<b>14.1 UN Number</b>	<b>14.2 UN Proper Shipping Name</b>	<b>14.3 Transport Hazard Class(es)</b>	<b>14.4 Packing Group</b>	<b>14.5 Environmental Hazards</b>
<b>US DOT</b>	None	Not Regulated	None	None	No
<b>Canadian TDG</b>	None	Not Regulated	None	None	No
<b>EU ADR/RID</b>	None	Not Regulated	None	None	No
<b>IMDG</b>	None	Not Regulated	None	None	No
<b>IATA/ICAO</b>	None	Not Regulated	None	None	No

**14.6 Special Precautions for User:** Not applicable

**14.7 Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code:** Not applicable

**Section 15: Regulatory Information****15.1 Safety, Health and Environment Regulations/Legislation Specific for the Substance or Mixture:**

**REACH:** Substances in this formulation imported to EU in >1 tonne/yr are pre-registered. No substances in these Part B products are subject to REACH Authorization or Restriction.

**International Inventories:** To be determined

**15.2 Chemical Safety Assessment:** A Chemical Safety Assessment has not been conducted.

**Section 16: Other Information**

**Classification:** Mixtures were classified using concentration thresholds for classified substances present in the mixture according to Regulation (EC) 1272/2008 [CLP].

**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.

**SDS Revision Note:** Revised 28-Jan-16; supersedes SDS dated 6-Jan-14. Revised hazard classification in Sections 2 and 3 based on updated hazard information from suppliers.

**Disclaimer:** The information contained herein is considered accurate; however, Polytek 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.