

1. Identification of the Preparation and Company

Trade Name: **EasyFlo 60 Part B, EasyFlo 120 Part B, EasyFlo Clear Part B**
Product Code: EasyFlo 60B, EasyFlo 120B, EasyFlo ClearB
Use of Preparation: Part B of two-part liquid polyurethane casting resin
Chemical Class: Polyol resin
Company: Polytek Development Corp.
55 Hilton St.
Easton, PA 18042 USA
Telephone: 610-559-8620
csalisbury@polytek.com
EU Only Representative: Stewardship Solutions
Green Lowe Farm, Shawclough Rd
Waterfoot, Rossendale, Lancs.BB4 9SA, UK
Telephone: (+44) 01706 220901
Emergency Telephone: 610-559-8620 (9 am to 5 pm EST)

2. Hazards Identification

HAZARD CLASSIFICATION: Irritant, Xi
Irritating to eyes and skin
FIRE HAZARD: Not combustible.
EXPLOSION HAZARD: Not applicable.



3. Composition/Information on Ingredients

<u>Chemical Name</u>	<u>CAS Number/ EINECS Number</u>	<u>% of Product</u>	<u>Hazard Classification</u>
Hydroxy-terminated ethylenediamine	Proprietary	<40	Xi – R36/38
Poly (oxyalkylene) polyol	Proprietary	<40	None
Aliphatic acid ester	Proprietary	<40	None

4. First Aid Measures

EYE CONTACT: Flush with copious amount of water. Seek medical attention if irritation persists.
SKIN CONTACT: Wash with industrial cleanser or soap and warm water.
INHALATION: Remove to fresh air. Seek medical attention if symptoms persist.
INGESTION: Do not induce vomiting. Seek medical attention.

5. Fire Fighting Measures

FLASH POINT: >150°C (estimated)
EXTINGUISHING MEDIA: Carbon dioxide, dry chemical or water spray.
THERMAL DECOMPOSITION PRODUCTS: May include carbon monoxide, carbon dioxide, nitrogen oxides, and other unidentified compounds.
PROTECTIVE EQUIPMENT: Firefighters wear full-face positive pressure breathing apparatus and full chemical protective suit.

6. Accidental Release Measures

Clear non-emergency personnel from the area. Avoid contact with sources of ignition. Spill response personnel wear protective clothing to prevent inhalation and eye and skin contact (see Section 8). Contain spill to minimize environmental contamination. Absorb spilled material with a sorbent such as sand or earth. Collect and containerize material. Dispose of contaminated materials in accordance with the Environmental Protection Act of 1990.

7. Handling and Storage

HANDLING: Use in adequately ventilated area. Avoid skin and eye contact. Do not eat, drink or smoke in work area. Wash hands after handling. See also Section 8 of MSDS.
STORAGE: Store at room temperature in a well-ventilated area. Do not store above 40°C. Store in tightly closed container.

8. Exposure Controls/Personal Protection

ENGINEERING CONTROLS: Provide general and/or local exhaust to maintain airborne concentrations below exposure limits.
MAXIMUM AIRBORNE EXPOSURE LIMITS: None Apply
PERSONAL PROTECTIVE EQUIPMENT: Protective equipment should conform to the Personal Protective Equipment at Work Regulations 1992.
RESPIRATORY PROTECTION: In the absence of good ventilation, use a respirator equipped with organic vapor cartridges. Respirators should conform to the Standard EN405 FFA1.
HAND: Chemical protective gloves conforming to prEN374 are recommended.
EYES: Eye protection conforming to BS2092 or prEN166 is recommended.
SKIN: When handling bulk quantities of this material, chemical protective clothing conforming to BS EN368 is recommended.

9. Physical Characteristics

APPEARANCE: Clear liquid
ODOUR: Slight
pH: Not determined
BOILING POINT: Not determined
MELTING POINT: Not applicable
FLASH POINT: >150°C (estimated)
AUTOFLAMMABILITY: No data available
EXPLOSIVE PROPERTIES: Not explosive
OXIDISING PROPERTIES: Not an oxidizer
VAPOR PRESSURE: < 1 mm Hg @ 25°C
RELATIVE VAPOUR DENSITY (Air=1): No data
SPECIFIC GRAVITY: 1.0 @ 25°C
SOLUBILITY IN WATER: Slight
SOLUBILITY IN SOLVENT: Soluble in most low boiling solvents

10. Stability and Reactivity

CHEMICAL STABILITY: Stable under recommended storage conditions.

CONDITIONS TO AVOID: Excessive temperatures and moisture

INCOMPATIBILITIES: Strong oxidising agents

HAZARDOUS DECOMPOSITION PRODUCTS: May include carbon monoxide, carbon dioxide, nitrogen oxides, and other unidentified compounds.

11. Toxicological Information

SKIN: Contact with skin causes irritation consisting of reversible reddening and swelling.

EYES: Contact with eyes causes moderate irritation consisting of redness, swelling and mucous discharge to the conjunctiva, which would be expected to clear within 48 hours. No corneal involvement or visual impairment would be expected.

INHALATION: Inhalation of the mist from this product may cause irritation to the mucous membranes and upper respiratory tract. This irritation is expected to be transient with no permanent injury occurring.

INGESTION: No data is available on the effects of acute ingestion of this product. However, ingestion may cause gastrointestinal discomfort with any or all of the following symptoms: irritation to the mouth and esophagus; nausea, vomiting, lethargy and/or diarrhea.

CHRONIC EFFECTS: None known.

12. Ecological Information

ECOTOXICITY: No formal data is available.

13. Disposal Considerations

Dispose according to local and national regulations

14. Transport Information

NOT A HAZARDOUS MATERIAL FOR SHIPPING PURPOSES, BASED ON *UNITED NATIONS RECOMMENDATIONS ON THE TRANSPORT OF DANGEROUS GOODS*.

UN NUMBER: Not applicable;

SHIPPING NAME: Not applicable

15. Regulatory Information

HAZARD SYMBOL: Xi

INDICATION OF DANGER: Irritant

RISK PHRASES:

R 36/38 – Irritating to eyes and skin

SAFETY PHRASES:

S24 – Avoid contact with the skin

S26 – In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S 37 – Wear suitable gloves

OTHER PHRASES:

Keep containers tightly closed when not in use.

See information supplied by the manufacturer.

LABELLING: Hazard determining component(s) for labelling: Hydroxy-terminated ethylenediamine

REACH: Substances in this formulation for which export is >1 tonne/yr to EU were pre-registered with ECHA prior to Dec. 1, 2008.

16. Other Information

Hazard symbols and R-phrases for hazardous components in section 3:

Xi, Irritant.

R36/38: Irritating to eyes and skin.

TRAINING ADVICE: All personnel using/handling this product should be trained in proper chemical handling and the need for and use of control measures including protective equipment.

RECOMMENDED USES AND RESTRICTIONS: This product is intended for industrial use only. Further details of intended applications and guidance relating to technical aspects of use are contained in the relevant Technical Bulletin/Advice sheet.

REFERENCES:

Regulation (EC) No.1907/2006

H.S.E. Approved Supply List (Seventh Edition). (CHIP3, 2002)

H.S.E. Approved classification and labeling guide (Fifth edition).

H.S.E. Guidance Note EH 40/2002. Occupational Exposure Limits 2002

Restructured ADR; European Agreement Concerning the International Carriage of Dangerous

Goods by Road, United Nations, Applicable as of 1 July 2001

Personal Protective Equipment at Work Regulations 1992

Manufacturer's Technical Bulletin

REVISION INDICATOR: Removed information regarding skin sensitization, including R43, owing to updated testing information from raw material supplier. Also, various minor corrections and updates.

DISCLAIMER: The information contained herein has been compiled from data that is, to the best of our knowledge, valid at the date of issue. However, as the conditions under which the product is used are not under our control, the user is responsible to ensure that a risk assessment is undertaken in accordance with current legislation and that all necessary precautions are employed.

