

**1. Identification**

Product Identifier: **BC-8360 Urethane Elastomer Part B**  
**BC-8370 Urethane Elastomer Part B**  
 Product Code(s): BC8360C, BC8370C  
 Use: For Industrial/Professional use only.  
 Manufacturer: Polytek Development Corp.  
 55 Hilton Street, 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:**

- Skin Sensitization – Category 1
- Reproductive Toxin – Category 2
- Hazardous to the Aquatic Environment – Acute Hazard Category 2
- Hazardous to the Aquatic Environment – Chronic Hazard Category 2

**Label Elements:** Warning



**Hazard Phrases:**

- H317 May cause an allergic skin reaction.
- H361 Suspected of damaging fertility or the unborn child.
- H401 Toxic to aquatic life.
- H411 Toxic to aquatic life with long lasting effects.

**Precautionary Phrases:**

- P203 Obtain, read and follow all safety instructions before use.
- P261 Avoid breathing vapors.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P273 Avoid release to the environment.
- P280 Wear protective gloves.
- P302+P352 IF ON SKIN: Wash with plenty of water.
- P318 IF exposed or concerned, get medical advice.
- P333+P317 If skin irritation or rash occurs: Get medical help.
- P362+P364 Take off contaminated clothing and wash it before reuse.
- P391 Collect spillage.
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with local, state, and federal regulations.

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

**3. Composition/Information on Ingredients**

Chemical Name	CAS #	%
4-methyl-2,6-bis(methylthio)-1,3-benzenediamine	102093-68-5	1-5
2-methyl-4,6-bis(methylthio)-1,3-benzenediamine	104983-85-9	1-5
Ethanol, 2-(2-ethoxyethoxy)-	111-90-0	1-5
Ethanol, 2-Butoxy	111-76-2	1-5
Ethanol, 2,2'-oxybis	111-46-6	1-5
Exact concentrations are withheld as trade secret. Other ingredients are not classified as health, physical or environmental hazards, or are present below cut-off/concentration limits.		

**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 and persists.  
**Skin Contact:** Remove contaminated clothing. Wash contact area thoroughly with soap and water. Get medical attention if irritation develops and persists. Throw away clothes that can not be decontaminated.  
**Inhalation:** If breathing is difficult, remove person to fresh air. Get medical attention if you feel unwell.  
**Ingestion:** Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if you feel unwell.  
**Most Important Symptoms/Effects:** None known.  
**Indication of Immediate Medical Attention/Special Treatment:** Not expected to be required.

**5. Fire-Fighting Measures**

**Extinguishing Media:** Carbon dioxide, dry chemical, foam.  
**Specific Hazards:** Not classified as flammable or combustible.  
**Special Protective Equipment and Precautions for Fire-Fighters:** Wear SCBA & full-body protective suit.

**6. Accidental Release Measures**

**Personal Precautions, Protective Equipment and Emergency Procedures:** Use SCBA and chemically protective clothing. Clear unnecessary, unprotected personnel from the area.  
**Methods and Materials for Containment and Cleanup:** Contain spill and prevent/minimize release to the environment. Collect with inert absorbent and containerize material for disposal.

**7. Handling and Storage**

**Safe Handling:** Avoid getting material on skin. Do not breathe vapors. Do not smoke, eat, or drink when using this product.  
**Safe Storage:** Keep container tightly closed in a dry, well-ventilated area.

**8. Exposure Controls/Personal Protection**

**Occupational Exposure Limits:** For Ethanol, 2-Butoxy (CAS 111-76-2):

OSHA PEL	240 mg/m <sup>3</sup>
ACGIH TLV	20 ppm

**Ventilation:** Use with adequate general or local exhaust ventilation to minimize exposure levels.  
**Respiratory Protection:** If needed, a NIOSH-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 clothing and gloves, such as butyl rubber or nitrile rubber.  
**Eye Protection:** Wear chemical safety glasses/goggles.  
**Other Protective Measures:** An eye wash facility and washing facility should be available in the work area. Wash hands at the end of each work shift and before eating, smoking or using the toilet. Follow applicable regulations and good Industrial Hygiene practice.

## 9. Physical and Chemical Properties

**Appearance:** Liquid, light amber  
**Odor:** No data available  
**Odor Threshold:** No data available  
**pH:** No data available  
**Melting Point:** No data available  
**Boiling Point:** Not data available  
**Flash Point:** No data available  
**Evaporation Rate:** No data available  
**Flammable 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:** No data available  
**Conditions to Avoid:** No data available  
**Incompatible Materials:** Avoid strong acids, strong bases, and strong oxidizing agents.  
**Hazardous Decomposition Products:** Carbon monoxide, Carbon dioxide (CO<sub>2</sub>), aldehydes, ketones, burning produces noxious and toxic fumes.

## 11. Toxicological Information

**Eye Contact:** May cause mild irritation.  
**Skin Contact:** May cause mild irritation. May cause allergic skin reaction.  
**Inhalation:** May cause respiratory irritation.  
**Ingestion:** No data available.  
**Chronic Health Effects:** May cause allergic skin reaction.  
**Acute Toxicity Values:** Not acutely hazardous.  
**Germ Cell Mutagenicity:** No data available  
**Carcinogenicity:** Relevant components are not listed as known or suspected carcinogens by NTP, IARC or OSHA.  
**Reproductive Toxicity:** This product is classified as a reproductive toxin.  
**Specific Target Organ Toxicity:** No data available.

## 12. Ecological Information

**Ecotoxicity:** No data available. Do not release into waterways.  
**Persistence and Degradability:** No data available.  
**Bioaccumulative Potential:** No data available.  
**Mobility in Soil:** Not expected to migrate.

## 13. Disposal Considerations

Dispose according to local, regional and national regulations.

## 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:** 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:** Chronic Health Hazard  
**Section 313 Toxic Chemicals:** Contains chemicals subject to SARA Title III Section 313 Reporting requirements:

Ethanol, 2-(2-ethoxyethoxy)-	CAS 91-20-3	0-1%
Ethanol, 2-Butoxy	CAS 111-76-2	0-1%
Ethanol, 2,2'-oxybis	CAS 111-46-6	0-1%

**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 does not contain chemicals known to the State of California to cause cancer and/or reproductive harm. [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## 16. Other Information

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

**Recommended Uses and Restrictions:** Intended for industrial or professional use only.

**SDS Revision Notes:** GHS format November 22, 2019.

**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.