

## 1. Identification

Product Identifier: **BC8001 Kwik-Kast Black Urethane Resin Part B**  
**BC-8002 Kwik-Kast II Gray Urethane Resin Part B**  
**BC-8009 Slo-Kast Gray Urethane Resin Part B**  
**BC-8009 Slo-Kast Black Urethane Resin Part B**  
**BC-8010 Metal-Kast Urethane Resin Part B**  
**BC-8010 Metal-Kast Slow Urethane Resin Part B**  
**BC-8645 Kwik-Kast Gray Urethane Resin Part B**  
**BC-8650 Kwik-Kast Blue Urethane Resin Part B**

Product Code(s): BC8001B, BC8002B, BC8009BLKB, BC8009GRYB, BC8010B, BC80102B, BC8645B, BC8650B

Use: Component for Liquid Polyurethane Casting Resin. For Industrial/Professional use only.

Manufacturer: Polytek® Development Corp.  
2140 Earlwood Dr. Franklin, IN 46131

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:

Flammable Liquid Category 3  
 Reproductive Toxicity – Category 1B  
 Carcinogenicity-Category 2

Label Elements:  
 Danger



H226 Flammable liquid and vapor.  
 H351 Suspected of causing cancer.  
 H360 May damage fertility or the unborn child.

### Precautionary Phrases

P201 Obtain special instructions before use.  
 P202 Do not handle until all safety precautions have been read and understood.  
 P210 Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. No smoking.  
 P233 Keep container tightly closed.  
 P240 Ground and bond container and receiving equipment.  
 P242 Use non-sparking tools.  
 P243 Take action to prevent static discharges.  
 P280 Wear protective gloves, protective clothing, eye protection, and face protection.  
 P303+361+353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse with water.  
 P308+313 IF exposed or concerned: Get medical attention.  
 P403+235 Store in a well-ventilated place. Keep cool.  
 P405 Store locked up.  
 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 #	GHS Classification	%
Dibutyl phthalate	84-74-2	Reproductive Toxin 1B, Aquatic-Acute 1, Aquatic-Chronic 1	0-5
Solvent, naphtha (petroleum distillates)	64742-94-5	Flammable Liquid 3 Carcogenicity-2 STOT-SE 3 (H336) Aspiration 1	0-10

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 persists.

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

**Inhalation:** If breathing is difficult, remove person to fresh air and keep comfortable. If experiencing respiratory symptoms: Call a doctor.

**Ingestion:** If swallowed, rinse mouth. Induce vomiting only with medical supervision.

**Most Important Symptoms/Effects:** Skin and 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:** Combustible liquid. Keep away from heat, hot surfaces, sparks, open flames, and other ignition sources. 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:** Remove all ignition sources. Clear non-emergency personnel from the area. Wear appropriate 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. Collect and containerize material. Dispose of residue in accordance with state and local regulations.

## 7. Handling and Storage

**Safe Handling:** Avoid breathing vapor. 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:** Petroleum distillates, OSHA PEL 500 ppm TWA.  
**Engineering Controls:** Provide general and local exhaust to minimize airborne concentrations.

**Personal Protective Equipment:** Wear eye protection (e.g., chemical splash goggles), protective clothing and impermeable gloves (e.g., nitrile or butyl rubber). In the absence of good ventilation, use respirator equipped with organic vapor cartridges or air-supplied respirator.

**Other Protective Measures:** Impervious clothing is recommended to prevent skin contact and contamination of personal clothing. An eyewash and washing facility should be available in the work area.

## 9. Physical and Chemical Properties

**Appearance:** Liquid, color varies

**Odor:** Petroleum

**Odor Threshold:** No data available

**pH:** Not applicable

**Melting Point:** No data available

**Boiling Point:** No data available

**Flash Point:** 46°C (115°F)

**Evap. Rate:** No data available

**Flamm. Limits:** No data available

**Vapor Pressure:** ≤0.1 mm Hg @ 25°C

**Vapor Density:** No data available

**Relative Density:** 1.00 @ 25°C

**Solubility:** Insoluble in water

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

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

**Decomposition Temp:** No data available

**Viscosity:** 2,500-3,500 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 and acids.

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

## 11. Toxicological Information

**Eye Contact:** Causes eye irritation.

**Skin Contact:** Causes skin irritation.

**Inhalation:** Vapors or mists may cause mild respiratory irritation.

**Ingestion:** Harmful if swallowed.

**Chronic Health Effects:** None known.

**Acute Toxicity Values:** No data available.

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

**Carcinogenicity:** Solvent naphtha (petroleum) is classified as a carcinogen by IARC (Group 2B) ACGIH, and NTP.

**Reproductive Toxicity:** Dibutyl phthalate is a known or suspected reproductive toxin.

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

## 12. Ecological Information

**Ecotoxicity:** Dangerous and/or toxic to aquatic organisms. Do not release into waterways.

**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. Product is ignitable.

**For U.S.:** Upon disposal, this product is a RCRA hazardous waste (per 40 CFR 261).

## 14. Transport Information

**UN Number:** 1268

**UN Proper Shipping Name:** Petroleum distillates, n.o.s.

**Transport Hazard Class:** 3, Flammable Liquid

**Packing Group:** III

**Environmental Hazards:** Not applicable

**Transport in Bulk:** Not applicable

**Special Precautions:** For ground transport in the US only, reclassified as combustible liquid per 49 CFR 173.150(f), and, therefore, not regulated for US domestic ground transport.

**Emergency Shipping Info:** CHEMTREC, 800-424-9300 or +1-703-527-3887

## 15. Regulatory Information

**U.S. FEDERAL REGULATIONS:**

**CERCLA 103 Reportable Quantity:** RQ for Cumene is 5000lbs.,

Xylenes is 100lbs. 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:** Fire, Chronic, Acute

**Section 313 Toxic Chemicals:** Listed. Dibutyl phthalate (CAS 84-74-2), Cumene (CAS 98-82-8), Xylenes (CAS 1330-20-7)

**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: WARNING:** This product can expose you to chemicals including Cumene and Dibutyl Phthalate which are 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 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:** Added Product, Sept 19, 2019; Added Product, Sept 12, 2019; Added Product Sept 9, 2019; GHS Classification, September 3, 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.