

1. Identification

Product Identifier: **BP-8002 Green Styrofoam Latex Adhesive**
BP-8003 Cream Styrofoam Latex Adhesive

Product Code(s): BC8002LATEX, BC8003LATEX

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

2. Hazards Identification

GHS Classification:

- Flammable Liquid – Category 4
- Skin Irritation – Category 3
- Skin Sensitization – Category 1
- Carcinogenicity – Category 2
- Specific Target Organ Toxicity Single Exposure - Category 3

Label Elements: Warning



Hazard Phrases:

- H316 Causes mild skin irritation.
- H317 May cause an allergic skin reaction.
- H227 Combustible liquid.
- H351 Suspected of causing cancer.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.

Precautionary Phrases:

- P203 Obtain, read and follow all safety instructions before use.
- P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
- P261 Avoid breathing fumes or vapors.
- P271 Use only outdoors or in a well-ventilated area.
- P272 Contaminated work clothing should not be allowed out of the workplace.
- P280 Wear protective gloves, protective clothing, eye protection and face protection.
- P302+P352 IF ON SKIN: Wash with plenty of water.
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P318 IF exposed or concerned, get medical advice.
- P319 Get medical help if you feel unwell.
- P333+P317 If skin irritation or rash occurs: Get medical help.
- P362+P364 Take off contaminated clothing and wash it before reuse.
- P403+P233 Store in a well-ventilated place. Keep container tightly closed.
- 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 #	%
Aromatic solvent, naptha	64742-95-6	5-10
Zinc Dibutylthiocarbamate	136-23-2	0-5
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: Wash contact area thoroughly with soap and water. Get medical attention if irritation develops and persists.

Inhalation: If breathing is difficult, remove person to fresh air. Get medical attention if you feel unwell.

Ingestion: Do not induce vomiting unless instructed to by medical professional. Get medical advice 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: Combustible liquid. Keep away from heat, hot surfaces, sparks, open flames, and other sources of ignition.

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: Do not breathe fumes or vapors.

Safe Storage: Keep container tightly closed in a dry, well-ventilated area.

8. Exposure Controls/Personal Protection

Occupational Exposure Limits: For Aromatic solvent, naptha (CAS 64742-95-6):

OSHA PEL 400 mg/m³ TWA

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
Odor: Latex
Odor Threshold: No data available
pH: No data available
Melting Point: No data available
Boiling Point: Not data available
Flash Point: 141-160°F
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 (CO₂), aldehydes, ketones, burning produces noxious and toxic fumes.

11. Toxicological Information

Eye Contact: May cause mild irritation.
Skin Contact: May cause mild irritation.
Inhalation: May cause respiratory irritation.
Ingestion: No data available.
Chronic Health Effects: No data available.
Acute Toxicity Values: For Aromatic solvent, naptha (CAS 64742-95-6):
Inhalation LC50 (rat): 61 mg/L (4hr)
For Zinc Dibutyldithiocarbamate (CAS 136-23-2):
Oral LD50 (rat): >5,000 mg/kg
Dermal LD50 (rabbit): >2,000 mg/kg
Germ Cell Mutagenicity: No data available
Carcinogenicity: This product contains Aromatic solvent, naptha (CAS 64742-95-6), a chemical suspected of causing cancer.
Reproductive Toxicity: Relevant components are not known or suspected reproductive toxins.
Specific Target Organ Toxicity: May cause damage to organs through a single exposure.

12. Ecological Information

Ecotoxicity: Not expected to be dangerous to aquatic organisms.
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

DOT: UN1268, Petroleum distillates, n.o.s. (1,2,4-trimethylbenzene), 3, III, MARINE POLLUTANT.
IMDG: UN1268, Petroleum distillates, n.o.s. (1,2,4-trimethylbenzene), 3, III, MARINE POLLUTANT.
IATA: UN1268, Petroleum distillates, n.o.s. (1,2,4-trimethylbenzene), 3, III, MARINE POLLUTANT.
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: Acute and Chronic Health Hazard
Section 313 Toxic Chemicals: Contains a chemical subject to SARA Title III Section 313 Reporting requirements:

Zinc Dibutyldithiocarbamate CAS 136-23-2 0-5%

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: This product does not contain chemicals known to the State of California to cause cancer and/or reproductive harm. 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 27, 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.