

1. Identification

Product Identifier: **BC-87 Yellow Liquid Parting Urethane**
 Product Code(s): BCBC87
 Use: For Industrial/Professional use only.
 Manufacturer: Polytek Development Corp.
 2140 Earlywood Drive, Franklin, IN 461313
 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 3
- Acute Toxicity (inhalation) – Category 4
- Skin Irritation – Category 2
- Eye Irritation – Category 2A
- Specific Target Organ Toxicity – Single Exposure Category 3

Label Elements: Warning



Hazard Phrases:

- H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H226 Flammable liquid and vapor.
- H332 Harmful if inhaled.
- H335 May cause respiratory irritation.
- H336 May cause drowsiness or dizziness.

Precautionary Phrases:

- 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.
- P241 Use explosion-proof electrical and ventilating equipment.
- P242 Use non-sparking tools.
- P243 Take action to prevent static discharge.
- P261 Avoid breathing fumes, vapors or mists.
- P264 Wash thoroughly after handling.
- P271 Use only outdoors or in a well-ventilated area.
- P280 Wear protective gloves, protective clothing, eye protection and face protection.
- P302+P352 IF ON SKIN: Wash with plenty of water.
- P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse affected areas with water.
- P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P317 Get medical help.
- P319 Get medical help if you feel unwell.
- P332+P317 If skin irritation occurs: Get medical help.
- P337+P317 If eye irritation persists: 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.
- P403+P235 Store in a well-ventilated place. Keep cool.
- P405 Store locked up.
- P501 Dispose of contents and containers in accordance with local, state, and federal regulations.

Supplemental Information: None.

3. Composition/Information on Ingredients

Chemical Name	CAS #	%
Nonane	111-84-2	80-90
Distillates (pet), hydrotreated light	64742-47-8	10-20
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.
Skin Contact: Take off contaminated clothing. Wash contact area thoroughly with soap and water. Get medical attention. Wash contaminated clothing before reuse.
Inhalation: If breathing is difficult, remove person to fresh air. Get medical attention.
Ingestion: Rinse mouth. 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 or water spray.
Specific Hazards: Flammable liquid and vapor. 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: Avoid breathing fumes, vapors or mists. Avoid contact with skin, eyes and clothing. Do not eat, drink or smoking while using this product.
Safe Storage: Keep container tightly closed in a dry, well-ventilated area. Avoid heat, hot surfaces, sparks and open flames.

8. Exposure Controls/Personal Protection

Occupational Exposure Limits: For Nonane (CAS 111-84-2):
 ACGIH TLV 200 ppm 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: Yellow liquid
Odor: Solvent
Odor Threshold: No data available
pH: No data available
Melting Point: No data available
Boiling Point: No data available
Flash Point: 82°F (28°C)
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: Insoluble in water.
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: Avoid sources of ignition.
Incompatible Materials: Oxidizing materials.
Hazardous Decomposition Products: Formaldehyde and silicon dioxide.

11. Toxicological Information

Eye Contact: Causes skin irritation.
Skin Contact: Causes serious eye irritation.
Inhalation: May cause respiratory irritation.
Ingestion: No data available.
Chronic Health Effects: No data available.
Acute Toxicity Values: For Nonane (CAS 111-84-2):
LC₅₀ rat: 3,200 ppm 4hr
Germ Cell Mutagenicity: Components are not classified as mutagens.
Carcinogenicity: Components are not classified as carcinogens.
Reproductive Toxicity: Components are not known or suspected reproductive toxins.
Specific Target Organ Toxicity: May cause drowsiness or dizziness.

12. Ecological Information

Ecotoxicity: No data available.
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: UN1993, Flammable liquid, n.o.s (nonane, hydrocarbon naphthas), 3, III, MARINE POLLUTANT.
IMDG: UN1993, Flammable liquid, n.o.s (nonane, hydrocarbon naphthas), 3, III, MARINE POLLUTANT.
IATA: UN1993, Flammable liquid, n.o.s (nonane, hydrocarbon naphthas), 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: Does not contain chemicals subject to SARA Title III Section 313 Reporting requirements.

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 can expose you to benzene, which is 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 March 17, 2020.

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.