

1. Identification

Product Identifier: **FastCast™ Part B**
 Use: Two-Component Casting Polyurethane. For Industrial/Professional use only.
 Manufacturer: Polytek Development Corp.
 55 Hilton Street, Easton, PA 18042
 Phone Number: 800-755-8568 (8 a.m. to 4p.m. CST)
 Emergency Phone: CHEMTREC 800-424-9300 or +1 703-527-3887
 E-mail: sds@polytek.com

2. Hazards Identification

GHS Classification:

Skin Irritation – Category 2
 Eye Irritation – Category 2A
 Specific Target Organ Toxicity – Single Exposure Category 3 (narcotic effects)
 Specific Target Organ Toxicity – Repeated Exposure – Category 1 (central nervous system)

Label Elements: Danger



Hazard Statements:

H315 Causes skin irritation.
 H319 Causes serious eye irritation.
 H335 May cause respiratory irritation.
 H336 May cause drowsiness or dizziness.
 H372 Causes damage to organs (central nervous system) through prolonged or repeated exposure.

Precautionary Phrases:

P260 Do not breathe fumes, vapors, mists or sprays.
 P270 Do not eat, drink or smoke when using this product.
 P271 Use only outdoors or in a well-ventilated area.
 P280 Wear protective gloves, eye protection, and face protection.
 P302+P352 IF ON SKIN: Wash with plenty of soap and water.
 P304+340 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.
 P319 Get medical help if you feel unwell.
 P332+P317 If skin irritation occurs: Get medical help.
 P337+P317 If eye 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.
 P405 Store locked up.
 P501 Dispose of contents and containers in accordance with federal, state, and local regulations.

Supplemental Information: This is one part of a two-part system. Read and understand the hazards of the Part A before use.

3. Composition/Information on Ingredients

Chemical Name	CAS #	%
Amine Bearing Hydroxyl Terminated Poly (Oxyalkylene)	Proprietary	Proprietary
Aromatic Solvent blend	Proprietary	Proprietary
Hydroxyl Terminated Poly (Oxyalkylene) Polyether	Proprietary	Proprietary
Naphtha Heavy Alkylate	Proprietary	Proprietary
Exact concentrations are withheld as trade secret. Other ingredients are not listed because they are either not hazardous or are below cut-off/concentration thresholds.		

4. First-Aid Measures

Eye Contact: Rinse with water for several minutes. Remove contact lenses, if present and easy to do. Get medical attention if irritation develops or persists.
Skin Contact: Take off contaminated clothing and wash it before reuse. Wash skin thoroughly with soap and water for several minutes. Get medical attention if irritation develops or persists.
Inhalation: Move to fresh air. Get medical attention if you feel unwell.
Ingestion: Do not induce vomiting unless directed to do so by a medical professional. Get medical attention if you feel unwell.
Most Important Symptoms/Effects: Causes eye and skin irritation.
Indication of Immediate Medical Attention/Special Treatment: Not to be expected.

5. Fire-Fighting Measures

Extinguishing Media: Use water fog, foam, carbon dioxide or dry chemical. Do not use solid water stream. Solid stream of water into hot product may cause violent steam generation or eruption.
Specific Hazards: Not classified as flammable or combustible.
Special Protective Equipment & Precautions for Fire-Fighters: Wear positive pressure, self-contained breathing apparatus, and full-body protective clothing. Cool fire-exposed containers with water.

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: Clear non-emergency personnel from the area. Wear appropriate protective clothing to prevent eye and skin contact and avoid breathing fumes or vapors.
Methods and Materials for Containment and Cleanup: Cover with an inert absorbent material and collect into an appropriate container for disposal. Avoid releases to the environment.

7. Handling and Storage

Safe Handling: Keep out of reach of children. Do not breathe fumes, vapors, mists, or sprays. Avoid contact with clothing and skin. Provide adequate ventilation. If inadequate ventilation, wear respiratory protection. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
Safe Storage: Store away from incompatible materials. Store in a tightly closed original container in a dry, cool, and well-ventilated place. Read and follow manufacturer's recommendations.

8. Exposure Controls/Personal Protection

Occupational Exposure Limits: For Aromatic Solvent blend:

OSHA PEL 100 ppm TWA
 ACGIH TLV 200 mg/m³ TWA

For Naphtha Heavy Alkylate:

OSHA PEL 500 ppm TWA
 ACGIH TLV 100 ppm TWA

Ventilation: Use with adequate general or local exhaust ventilation to minimize exposure levels.

Respiratory Protection: If ventilation is inadequate, use a properly fitted, NIOSH-approved, air-purifying respirator with organic vapor cartridges. For higher exposures or in an emergency, use a supplied-air respirator. Use respirators in accordance with OSHA's Respiratory Protection Standard (29 CFR 1910.134).

Skin Protection: Wear impervious gloves, such as butyl rubber or nitrile rubber.

Eye Protection: Wear chemical safety glasses or goggles.

Other Protective Measures: An eye wash facility and washing facility should be available in the work area. Avoid skin contact. Follow good Industrial Hygiene practices.

9. Physical and Chemical Properties

Appearance: Liquid, clear to pale yellow

Odor: Musty, slight aromatic

Odor Threshold: No data available

pH: No data available

Melting Point: < -60°F (< -25°C)

Boiling Point: No data available

Flash Point: >200°F (>93.3°C)

Evap. Rate: No data available

Flamm. 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 hazardous polymerization to occur.

Conditions to Avoid: Avoid contact with incompatible materials, heat, and moisture.

Incompatible Materials: Avoid strong oxidizing agents and water.

Hazardous Decomposition Products: Carbon and nitrogen oxides.

11. Toxicological Information

Eye Contact: Causes serious eye irritation.

Skin Contact: Causes skin irritation.

Ingestion: No data available.

Inhalation: May cause respiratory irritation.

Chronic Health Effects: May cause damage to central nervous system through prolonged or repeated exposure.

Acute Toxicity Values: Not acutely hazardous.

Respiratory Sensitization: Components are not classified as respiratory sensitizers.

Skin Sensitization: Components are not classified as skin sensitizers.

Germ Cell Mutagenicity: Components are not known mutagens.

Carcinogenicity: Components are not classified as carcinogens by NTP, IARC, or OSHA.

Reproductive Toxicity: Components are not classified as reproductive toxins.

Specific Target Organ Toxicity: May cause damage to the central nervous system through prolonged or repeated exposure. May cause drowsiness or dizziness.

12. Ecological Information

Ecotoxicity: No data available. Avoid release to the environment.

Persistence and Degradability: Not readily biodegradable.

Bioaccumulative Potential: Low potential for bioaccumulation.

Mobility in Soil: No data available.

13. Disposal Considerations

Minimize waste generation. Dispose of with a licensed waste disposal contractor. Do not dispose of down the drain. Dispose according to local, state, and federal 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: This product is not subject to these reporting requirements. Some states have more strict reporting requirements.

SARA TITLE III Section 311/312: Acute/Chronic Health

Section 313 Toxic Chemicals: This product 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: Components in this product 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 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/professional use only.

SDS Revision Notes: GHS Format: October 28, 2022

Disclaimer: The information contained herein is considered accurate; however, Polytek® Development Corp. 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.