

## 1. Identification

Product Identifier: **Poly 74-20 Liquid Rubber Part B**  
**Poly 74-24 Liquid Rubber Part B**  
**Poly 74-29 Liquid Rubber Part B**  
**Poly 74-29 White Liquid Rubber Part B**  
**Poly 74-30 Liquid Rubber Part B**  
**Poly 74-30 Clear Liquid Rubber Part B**  
**Poly 74-30 HT Liquid Rubber Part B**  
**Poly 74-31 Liquid Rubber Part B**  
**Poly 74-41 Liquid Rubber Part B**  
**Poly 74-45 Liquid Rubber Part B**  
**Poly 74-45 Clay Liquid Rubber Part B**

Product Code(s): 7420B, 7424B, 7429B, 7429WHITEB,  
7430B, 7430CLEARB, 7430HTB, 7431B,  
7441B, 7445B, 7445CLAYB

Use: Component for Polyurethane Mold Rubber. For Industrial/Professional use only.

Manufacturer: Polytek Development Corp.  
55 Hilton St., Easton, PA 18042 USA

Phone Number: +1 610-559-8620 (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 Irritation – Category 2

Specific Target Organ Toxicity – Repeated Exposure Category 2

Label Elements: Warning



### Hazard Phrases

H315 Causes skin irritation.

H373 May cause damage to pancreas through prolonged or repeated exposure.

### Precautionary Phrases

P260 Do not breathe fumes, vapors, mists or sprays.

P264 Wash thoroughly after handling.

P280 Wear protective gloves.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P319 Get medical help if you feel unwell.

P332+P317 If skin irritation occurs: Get medical help.

P362+P364 Take off contaminated clothing and wash it before reuse.

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 #	%
Diethyltoluenediamine	68479-98-1	1-3%
Exact concentrations are withheld as trade secret. Other ingredients are not listed because they are either not hazardous or are below concentration/cut-off thresholds.		

## 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 or persists.

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

**Inhalation:** Remove person to fresh air. Get medical attention if symptoms develop or persist.

**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:** 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. Product will burn under fire conditions.

**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:** Remove all ignition sources. Clear non-emergency personnel from the area. Wear appropriate protective clothing to prevent eye and skin contact and avoid breathing vapors. Caution – spill area may be slippery.

**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. Report spills and releases as required to appropriate authorities.

## 7. Handling and Storage

**Safe Handling:** Use with adequate ventilation. Avoid breathing fumes, vapors, mists or sprays. Avoid contact with the eyes, skin and clothing. Wash thoroughly after handling. Do not eat, drink or smoke in the work area. Keep container closed when not in use.

**Safe Storage:** Store indoors at temperatures below 120°F (49°C). Store in original containers. Avoid getting moisture into containers. Keep containers tightly closed.

## 8. Exposure Controls/Personal Protection

**Occupational Exposure Limits:** None Established

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

**Respiratory Protection:** If needed, an 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 gloves, such as butyl rubber or nitrile rubber.

**Eye Protection:** Wear chemical safety goggles.

**Other Protective Measures:** Wear impervious clothing to prevent skin contact and contamination of personal clothing. An eye wash facility and washing facility should be available in the work area. Follow applicable regulations and good Industrial Hygiene practice.

## 9. Physical and Chemical Properties

**Appearance:** Liquid of varied colors  
**Odor:** Slightly pungent  
**Odor Threshold:** No data available  
**pH:** Not applicable  
**Melting Point:** No data available  
**Boiling Point:** No data available  
**Flash Point:** > 350°F (>177°C)  
**Evaporation Rate:** No data available  
**Upper/Lower Flammability Limits:** No data available  
**Vapor Pressure:** <0.01 mm Hg @ 25°C  
**Vapor Density:** No data available  
**Relative Density:** ~1.0 @ 25°C  
**Solubility:** Slightly soluble in water  
**Partition Coefficient: n-octanol/Water:** No data available  
**Auto-Ignition Temp:** No data available  
**Decomposition Temp:** No data available  
**Viscosity:** 150-1500 cP

## 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:** Avoid excessive heat.  
**Incompatible Materials:** Avoid contact with strong oxidizers.  
**Hazardous Decomposition Products:** Thermal decomposition will generate oxides of carbon and nitrogen, organic acids, and other toxic organic compounds.

## 11. Toxicological Information

**Eye Contact:** May cause mild eye irritation.  
**Skin Contact:** Causes skin irritation.  
**Inhalation:** May cause mild respiratory irritation.  
**Ingestion:** No data available.  
**Chronic Health Effects:** No data available.  
**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 classified as mutagens.  
**Carcinogenicity:** Components are not classified as carcinogens.  
**Reproductive Toxicity:** Components are not classified as reproductive toxins.  
**Specific Target Organ Toxicity:** May cause damage to the pancreas through prolonged or repeated exposure.

## 12. Ecological Information

**Ecotoxicity:** No data available. Avoid release to the environment.  
**Persistence and Degradability:** Not readily biodegradable.  
**Bioaccumulative Potential:** Not expected to bioaccumulate.  
**Mobility in Soil:** No data available.

## 13. Disposal Considerations

Dispose according to local, state and federal regulations.

## 14. Transport Information

Not regulated for transport by any mode.  
EMERGENCY SHIPPING: 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 reporting under CERCLA. Some states have more stringent reporting requirements. Report all spills in accordance with local, state, and federal regulations.

### SARA TITLE III

**Section 311/312:** Chronic Health

**Section 313 Toxic Chemicals:** This product contains no 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 of the components of this product are listed on TSCA.

### STATE REGULATIONS:

**California Proposition 65:** These products do not contain substances known to the State of California to cause cancer and/or reproductive harm.

## 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:** Change in product grouping: December 6, 2013; Review/no changes: July 16, 2018; Updated Prop 65 Warning, August 9, 2018; Removed Prop 65 warning, October 2, 2018; Added Product, August 26, 2019; Reviewed and updated: February 10, 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.