

SECTION 1. IDENTIFICATION

1.1 Product Identifier

Name of Product:	Poly 74-20 Liquid Rubber Part B	Product Code:	7420B
	Poly 74-24 Liquid Rubber Part B		7424B
	Poly 74-29 Liquid Rubber Part B		7429B
	Poly 74-29 White Liquid Rubber Part B		7429WHITEB
	Poly 74-30 Liquid Rubber Part B		7430B
	Poly 74-30 Clear Liquid Rubber Part B		7430CLEARB
	Poly 74-30 HT Liquid Rubber Part B		7430HTB
	Poly 74-31 Liquid Rubber Part B		7431B
	Poly 74-41 Liquid Rubber Part B		7441B
	Poly 74-45 Liquid Rubber Part B		7445B
	Poly 74-45 Clay Liquid Rubber Part B		7445CLAYB

1.2 Recommended Use and Any Restrictions on Use

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

1.3 Details of the Supplier of the Safety Data Sheet

Supplier: Architectural Polymers
1220 Little Gap Road, Palmerton, PA
18071

Telephone: 610-824-3322 **Fax:** 610-824-3777

1.4 Emergency Telephone Number

Emergency Telephone: CHEMTREC 800-424-9300 or +1 703-527-3887

SECTION 2. HAZARD(S) IDENTIFICATION

2.1 GHS Classification

GHS Classification: Skin Irritation – Category 2
Specific Target Organ Toxicity – Repeated Exposure Category 2

2.2 Label Elements

Hazard Phrases: H315: Causes skin irritation.
H373: May cause damage to pancreas through prolonged or repeated exposure.

Signal Words: Warning

Hazard Pictograms:



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.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substances

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.

SECTION 4. FIRST AID MEASURES

4.1 Description of First Aid Measures

Skin Contact:	Remove contaminated clothing. Wash contact area thoroughly with soap and water. Get medical attention if irritation develops or persists.
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.
Ingestion:	Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if you feel unwell.
Inhalation:	Remove person to fresh air. Get medical attention if symptoms develop or persist.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

None known.

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

Not expected to be required.

SECTION 5. FIRE-FIGHTING MEASURES

5.1 Extinguishing Media

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.
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5.2 Special Hazards

Specific Hazards:	Not classified as flammable or combustible. Product will burn under fire conditions.
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5.3 Special Protective Equipment & Precautions for Fire-Fighters

Advice for Fire-Fighters:	Wear positive pressure, self-contained breathing apparatus and full-body protective clothing. Cool fire-exposed containers with water.
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SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Personal Precautions:	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.
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6.2 Methods and Material for Containment and Cleaning Up

Clean Up Procedures:	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.
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SECTION 7. HANDLING AND STORAGE

7.1 Precautions for Safe Handling

Handling Requirements: 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.

7.2 Conditions for Safe Storage, Including any Incompatibilities

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

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure and 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.

Eye Protection: Wear chemical safety goggles.

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

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.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on Basic Physical and Chemical Properties

Appearance: Liquid of varied colors
Odor: Slightly pungent
Odor Threshold: No data available
Evaporation Rate: No data available
Upper/Lower Flammability: 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
Boiling Point: No data available
Melting Point: No data available
Flash Point: > 350°F (>177°C)
pH: Not applicable
Partition Coefficient: n-octanol/water: No data available
Auto-Ignition Temp: No data available
Viscosity: 150-1500 cP

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

Reactivity: Not normally reactive.

10.2 Chemical Stability

Chemical Stability: Stable under recommended conditions.

10.3 Possibility of Hazardous Reactions

Hazardous Reactions: Reaction with strong oxidizers generates heat.

10.4 Conditions to Avoid

Conditions to Avoid: Avoid excessive heat.

10.5 Incompatible Materials

Materials to Avoid: Avoid contact with strong oxidizers.

10.6 Hazardous Decomposition Products

Haz. Decomp. Products: Thermal decomposition will generate oxides of carbon and nitrogen, organic acids, and other toxic organic compounds.

SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Symptoms/Routes of Exposure

Skin Contact: Causes skin irritation.

Eye Contact: May cause mild eye irritation.

Ingestion: No data available.

Inhalation: May cause mild respiratory irritation.

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.

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity

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

Persistence & Degradability: Not readily biodegradable.

Bioaccumulative Potential: Not expected to bioaccumulate.

Mobility in Soil: No data available.

SECTION 13. DISPOSAL CONSIDERATIONS

13.1 Disposal Considerations

Dispose according to local, state and federal regulations.

SECTION 14. TRANSPORT INFORMATION

Not regulated for transport by any mode.

EMERGENCY SHIPPING: CHEMTREC, 800-424-9300 or +1-703-527-3887

SECTION 15. REGULATORY INFORMATION

15.1 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.

15.2 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 (TPA) None

EPA Toxic Substances Control Act (TSCA) Status: All of the components of this product are listed on TSCA.

15.3 STATE REGULATIONS

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

SECTION 16. OTHER INFORMATION

16.1 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.

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