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

Product Code(s): 74-20B, 74-24B, 74-29B, 74-29WHITEB,
74-30B, 74-30CLEARB, 74-30HTB, 74-31B,
74-41B, 74-45B

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 (9 a.m. to 5 p.m. EST)

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

E-mail: sds@polytek.com

2. Hazards Identification

GHS Classification:
Specific Target Organ Toxicity - Repeated Exposure Category 2

Label Elements: Warning!

Contains Diethyltoluenediamine

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

Precautionary Phrases:
P260 Do not breathe vapors.
P314 Get medical advice if you feel unwell.
P501 Dispose of contents and container to licensed, permitted
incinerator, or other thermal destruction device in accordance
with local and national regulations.

Supplemental Information: None known.
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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS #</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Diethyltoluenediamine</td>
<td>68479-98-1</td>
<td>1-3%</td>
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</table>

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
persists.

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

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

Ingestion: Do not induce vomiting unless directed to do so by medical
personnel. Get medical attention.

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 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

Date Prepared/Revised: October 2, 2018; Supersedes: August 9, 2018
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 moderate irritation.
Skin Contact: May cause mild irritation.
Inhalation: Vapor and mists may cause mild respiratory irritation.
Ingestion: Single oral dose toxicity is low. No harmful effects anticipated from ingesting small amounts incidental to normal handling. Large amounts may cause gastrointestinal effects.
Chronic Health Effects: Not determined; but, based on laboratory animal studies, diethyltoluenediamine ingredient may cause damage to the pancreas, liver, thyroid and eyes through prolonged exposure.
Acute Toxicity Values:
For Diethyltoluenediamine: Oral rat LD50 738 mg/kg; Inhalation rat LC50 2.45 mg/L/1 hr; Dermal rabbit LD50 >2000 mg/kg
Skin Corrosion/Irritation: Relevant components are not skin irritants.
Eye Damage/Irritation: Relevant compounds are not eye irritants.
Respiratory Irritation: Relevant components are not classified as respiratory irritants.
Respiratory Sensitization: Relevant components are not respiratory sensitzers.
Skin Sensitization: Components are not skin sensitzers.
Germ Cell Mutagenicity: Components are not mutagens.
Carcinogenicity: None of the components are carcinogens.
Reproductive Toxicity: None of the components are reproductive toxins.
Specific Target Organ Toxicity:
Single Exposure: No data available
Repeat Exposure: Diethyltoluenediamine may cause damage to the pancreas through repeated or prolonged exposure.

12. Ecological Information

Ecotoxicity: One ingredient is harmful to aquatic organisms: diethyltoluenediamine (Fish LC50 200 mg/L/48 hr; Daphnia EC50 0.5 mg/L/48 hr). But based on Additivity Formula, product is not classed as hazardous to the aquatic 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: Removed Prop 65 warning, October 2, 2018; Updated Prop 65 Warning, August 9, 2018; Review/no changes July 16, 2018 GHS format and classification changes. Change in product grouping. December 6, 2013
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.

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