

SECTION 1. IDENTIFICATION

1.1 Product Identifier

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|-------------------------|---------------------------------------|----------------------|------------|
| Name of Product: | Poly 75-70 Liquid Rubber Part B | Product Code: | 7570B |
| | Poly 75-70 Black Liquid Rubber Part B | | 7570BLACKB |

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

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|-------------------|--|-------------|--------------|
| 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:

- Acute Toxicity (Oral) – Category 4
- Skin Sensitizer – Category 1
- Reproductive Toxin – Category 2
- Hazardous to the Aquatic Environment – Acute Hazard Category 2
- Hazardous to the Aquatic Environment – Chronic Hazard Category 2

2.2 Label Elements

Hazard Phrases:

- H302 Harmful if swallowed.
- H317 May cause an allergic skin reaction.
- H361 Suspected of damaging fertility or the unborn child.
- H401 Toxic to aquatic life.
- H411 Toxic to aquatic life with long-lasting effects.

Signal Words: Warning

Hazard Pictograms:



Precautionary Phrases:

- P203 Obtain, read and follow all safety instructions before use.
- P261 Avoid breathing fumes, vapors, mists or sprays.
- P264 Wash thoroughly after handling.
- P270 Do not eat, drink or smoke when using this product.
- P272 Contaminated work clothing should not be allowed out of the work area.
- P273 Avoid release to the environment.
- P280 Wear protective gloves, protective clothing, eye protection and face protection.
- P301+P317 IF SWALLOWED: Get medical help.
- P302+P352 IF ON SKIN: Wash with plenty of soap and water.
- P318 IF exposed or concerned, get medical advice.
- P330 Rinse mouth.
- P333+P317 If skin irritation or rash occurs: Get medical help.

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

P391 Collect spillage.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international 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 # | % |
|---|-------------|------|
| 1,3-Benzenediamine, 4-methyl-2,6-bis(methylthio)- | 102093-68-5 | 0-10 |
| 1,3-Benzenediamine, 2-methyl-4,6-bis(methylthio)- | 104983-85-9 | 0-10 |
| Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene | 68411-46-1 | 0-1 |

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

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| 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. Remove contact lenses if safe and easy to do. Continue rinsing. Get medical attention if irritation develops or persists. |
| Ingestion: | Do not induce vomiting unless directed to do so by medical personnel. Get medical attention immediately. |
| 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

Harmful if swallowed.

4.3 Indication of Any Immediate Medical Attention and Special Treatment Needed

Get immediate medical attention if swallowed.

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.

5.2 Special Hazards

Specific Hazards: Not classified as flammable or combustible. Product will burn under fire conditions. Combustion products include oxides of carbon and nitrogen, oxides of sulfur, sulfuric acid, organic acids, and other toxic organic compounds.

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.

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.

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.

SECTION 7. HANDLING AND STORAGE

7.1 Precautions for Safe Handling

Handling Requirements: 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.

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

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| Appearance: | Liquid, colors vary |
| Odor: | Amine-like, 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: | > 176°C (350°F) |
| pH: | Not applicable |
| Partition Coefficient: | n-octanol/water: No data available |
| Auto-Ignition Temp: | No data available |
| Viscosity: | 150-1500 cP @ 25°C |

SECTION 10. STABILITY AND REACTIVITY

10.1 Reactivity

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| Reactivity: | Not normally reactive. |
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10.2 Chemical Stability

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| Chemical Stability: | Stable under recommended conditions. |
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10.3 Possibility of Hazardous Reactions

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| Hazardous Reactions: | None known. |
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10.4 Conditions to Avoid

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| Conditions to Avoid: | Avoid excessive heat and exposure to sunlight. Avoid moisture. |
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10.5 Incompatible Materials

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| Materials to Avoid: | Avoid contact with strong acids and strong oxidizing agents. |
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10.6 Hazardous Decomposition Products

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| Haz. Decomp. Products: | Thermal decomposition will generate oxides of carbon and nitrogen, oxides of sulfur, organic acids, and/or other toxic organic compounds. |
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SECTION 11. TOXICOLOGICAL INFORMATION

11.1 Symptoms/Routes of Exposure

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| Skin Contact: | May cause mild skin irritation. May cause an allergic skin reaction. |
| Eye Contact: | May cause mild eye irritation. |
| Ingestion: | Harmful if swallowed. |
| Inhalation: | May cause mild respiratory irritation. |
| Chronic Health Effects: | May cause an allergic skin reaction. |
| Acute Toxicity Values: | For Product: Oral LD ₅₀ (rat): 1,918 mg/kg ; Dermal LD ₅₀ (rabbit): 2,051 mg/kg |
| Respiratory Sensitization: | Components are not classified as respiratory sensitizers. |
| Skin Sensitization: | May cause an allergic skin reaction. |
| Germ Cell Mutagenicity: | Components are not classified as mutagens. |
| Carcinogenicity: | Components are not classified as carcinogens. |
| Reproductive Toxicity: | Suspected of damaging fertility or the unborn child. |
| Specific Target Organ Toxicity: | No data available. |

SECTION 12. ECOLOGICAL INFORMATION

12.1 Toxicity

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| Ecotoxicity: | Toxic to aquatic life with long lasting effects. 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. For U.S.: Upon disposal, this product is not a RCRA hazardous waste (per 40 CFR 261).

SECTION 14. TRANSPORT INFORMATION

DOT: Non-bulk packages (<119gal or <882lb) are not regulated for transport.

Bulk Packages: UN3082, Environmentally hazardous substance, liquid, n.o.s (6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine), 9, III

IATA/IMDG: UN3082, Environmentally hazardous substance, liquid, n.o.s (6-methyl-2,4-bis(methylthio)phenylene-1,3-diamine), 9, III, MARINE POLLUTANT.

Excepted from IATA and IMDG regulations if shipped in quantities of 5L (1.32gal) or less. (See IATA SP A197 and IMDG 2.10.2.7).

Emergency Shipping Information: 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: Acute Health, 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: **WARNING:** These products can expose you to chemicals including Acrylonitrile, Styrene, and Toluene, which are known to the State of California to cause cancer and/or reproductive harm. www.P65warnings.ca.gov

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: Converted to GHS format. Jan 10, 2014; Updated precautionary phrases/removed Prop 65 warning; May 31, 2018; Updated GHS classification: June 13, 2018; Reviewed and updated: June 4, 2022; Added product: August 5, 2022; Reviewed and updated and moved product to own SDS: July 23, 2025

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