

1. Identification

Product Identifier: **TinSil® 70-10 Silicone Rubber Part B**
TinSil® 70-11 Silicone Rubber Part B
TinSil® 70-20 Silicone Rubber Part B
TinSil® 70-25 Silicone Rubber Part B
TinSil® 70-30 Silicone Rubber Part B
TinSil® 70-60 Silicone Rubber Part B
TinSil® 80-15 Silicone Rubber Part B
TinSil® 80-30 Silicone Rubber Part B
TinSil® 80-30 White Silicone Rubber Part B
TinSil® 80-40 Silicone Rubber Part B
TinSil® 90-25 LV Silicone Rubber Part B
TinSil® Gel-00 Silicone Rubber Part B
TinSil® Gel-10 Silicone Rubber Part B
TinSil® Spray 25 Silicone Rubber Part B

Product Code(s): 7010B, 7011B, 7020B, 7025B, 7030B, 7060B, 8015B, 8030B, 8030WhtB, 8040B, 9025LVB, TinGel00B, TINGEL10B, TINSPRAY25B

Use: Component for silicone mold rubber. For Industrial/Professional use only.

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

Phone Number: 800-858-5990 (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

2. Hazards Identification

GHS Classification:
 Reproductive Toxin – Category 2

Label Elements: Warning



Hazard Statements:
 H361 Suspected of damaging fertility or the unborn child.

Precautionary Phrases:
 P203 Obtain, read and follow all safety instructions before use.
 P280 Wear protective gloves, protective clothing, eye protection and face protection.
 P318 IF exposed or concerned, get medical advice.
 P405 Store locked up.
 P501 Dispose of contents and container in accordance with local, regional, and national regulations.

Supplemental Information: May cause mild eye and skin irritation. Avoid contact with eyes and mucous membranes.

3. Composition/Information on Ingredients

Chemical Name	CAS #	%
Dimethylpolysiloxanes, silanol terminated	70131-67-8	30-40
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 and persists.

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

Inhalation: If breathing is difficult, remove person to fresh air. Get medical attention if symptoms develop or persist.

Ingestion: If swallowed, rinse mouth. Drink water. Induce vomiting only with medical supervision. Get medical attention if you feel unwell.

Most Important Symptoms/Effects: Suspected of causing cancer.

Indication of Immediate Medical Attention/Special Treatment: Not expected to be required.

5. Fire-Fighting Measures

Extinguishing Media: Carbon dioxide, dry chemical, foams, or water spray.

Specific Hazards: Not classified as flammable or combustible. May generate formaldehyde in fire conditions.

Special Protective Equipment and Precautions for Fire-Fighters: Wear SCBA & full-body protective suit. Cool hot containers with water.

6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: Remove ignition sources. Clear non-emergency personnel from the area. Caution: spill area may be slippery. Avoid eye and skin contact.

Methods and Materials for Containment and Cleanup: Contain spill and prevent/minimize release to the environment. Collect and containerize material for disposal.

7. Handling and Storage

Safe Handling: Avoid contact with eyes, skin (especially mucous membranes) and clothing. Use in a ventilated area. Wash hands after handling.

Safe Storage: Store indoors at temperatures between 60 and 95°F. Store in original containers. Avoid getting moisture into containers. Keep containers tightly closed.

8. Exposure Controls/Personal Protection

Exposure Limits: None established.

Engineering Controls: Provide general exhaust.

Personal Protective Equipment: Wear eye protection (e.g., chemical safety glasses) and rubber (e.g., nitrile) gloves.

Other Protective Measures: An eyewash and washing facility should be available in the work area.

9. Physical and Chemical Properties

Appearance: Liquid, colors vary

Odor: Mild

Odor Threshold: No data available

pH: Not applicable

Melting Point: No data available

Boiling Point: No data available

Flash Point: >150°C (302°F) (estimated)

Evaporation Rate: No data available

Flammable Limits: No data available

Vapor Pressure: No data available

Vapor Density: No data available

Relative Density: 1.0-1.3 @ 25°C

Solubility: Insoluble in water

Partition Coefficient: n-octanol/Water: No data available

Auto-Ignition Temp: No data available

Decomposition Temp: No data available

Viscosity: 2,000 cP - 60,000 cP @ 25°C

10. Stability and Reactivity

Reactivity: Not normally reactive.

Chemical Stability: Stable under recommended conditions.

Possibility of Hazardous Reactions: None known.

Conditions to Avoid: Excessive heat.

Incompatible Materials: Possibly strong oxidizers.

Hazardous Decomposition Products: Thermal decomposition will generate formaldehyde and oxides of carbon and silicon.

11. Toxicological Information

Eye Contact: May cause mild eye irritation.

Skin Contact: May cause mild skin irritation.

Inhalation: Vapors or mists may cause mild respiratory irritation.

Ingestion: No data available.

Chronic Health Effects: No data available.

Acute Toxicity Values: No data available.

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.

12. Ecological Information

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

Persistence and Degradability: No data available.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

13. Disposal Considerations

Dispose according to local, regional and national regulations.

For U.S.: Upon disposal, these products are not RCRA hazardous waste (per 40 CFR 261).

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: 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:

Hazard Category for Section 311/312: Not applicable.

Section 313 Toxic Chemicals: 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 components 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 these products should be trained in proper chemical handling and the need for and use of engineering controls and protective equipment.

Recommended Uses and Restrictions: Intended for industrial or professional use only.

SDS Revision Notes: Revised May 25, 2016: added TINSIL40B. Supersedes Feb 12, 2015; Updated Hours of Operation: April 29, 2021; Reviewed and updated: March 15, 2022; Added Products: May 15, 2022; Added product: November 15, 2023; Added product: July 23, 2024

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.