1. Identification

Product Identifier: PlatSil® 71-10 Silicone Rubber Part A
PlatSil® 71-10 Silicone Rubber Part B
PlatSil® 71-11 Silicone Rubber Part A
PlatSil® 71-11 Silicone Rubber Part B
PlatSil® 71-20 Silicone Rubber Part A
PlatSil® 71-20 Silicone Rubber Part B
PlatSil® 71-25 Silicone Rubber Part A
PlatSil® 71-25 Silicone Rubber Part B
PlatSil® 71-30 Silicone Rubber Part A
PlatSil® 71-35 Silicone Rubber Part A
PlatSil® 71-30 & 71-35 Silicone Rubber Part B
PlatSil® 71-40 Silicone Rubber (1A:5B) Part A
PlatSil® 71-40 Silicone Rubber Part A
PlatSil® 73-15 Silicone Rubber Part B
PlatSil® 73-20 Silicone Rubber Part A
PlatSil® 73-20 Silicone Rubber Part B
PlatSil® 73-25 Silicone Rubber Part A
PlatSil® 73-25 Silicone Rubber Part B
PlatSil® 73-29 Silicone Rubber Part B
PlatSil® 73-40 Silicone Rubber Part B
PlatSil® 73-45 Silicone Rubber Part B
PlatSil® 73-60 Silicone Rubber Part B
PlatSil® Gel-OO Part A
PlatSil® Gel-OO Part B
PlatSil® Gel-0020 Part A
PlatSil® Gel-0020 Part B
PlatSil® Gel-0020 Slow Part A
PlatSil® Gel-0030 Part A
PlatSil® Gel-0030 Part B
PlatSil® Gel-10 Part A
PlatSil® Gel-10 Part B
PlatSil® Gel-25 Part A
PlatSil® Gel-25 Part B
PlatSil® Gel-40 Part A
PlatSil® 71/73 Part R Retarder
PlatSil® 71/73 Part X Accelerator
PlatSil® Deadener LV
PlatSil® Part H Hardener
PlatSil® SiliGlass Silicone Rubber Part A
PlatSil® SiliGlass Silicone Rubber Part B
PlatThi Thicken
Poly-Sil® Silicone Fluid 50 cP
Smith’s Theartical Prosthetic Deadener


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

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

Phone Number: 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

Label Elements: No GHS label required.
Supplemental Information: May cause mild eye and skin irritation. Avoid contact with eyes and mucous membranes.

3. Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS #</th>
<th>GHS Classification</th>
<th>%</th>
</tr>
</thead>
</table>
| Ingredients are not classified as health and/or environmental hazards, and/or are present below cut-off/concentration limits.

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. If experiencing difficulty breathing, call a doctor.
Ingestion: If swallowed, rinse mouth. Drink water. Induce vomiting only with medical supervision.
Most Important Symptoms/Effects: Mild eye irritation.
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.

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: No OSHA or ACGIH exposure limits apply.
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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid, colors vary</td>
</tr>
<tr>
<td>Odor</td>
<td>Mild</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Melting Point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt;150°C (302°F) (estimated)</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No data available</td>
</tr>
<tr>
<td>Flammable Limits</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>No data available</td>
</tr>
<tr>
<td>Vapor Density</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative Density</td>
<td>1.0-1.3 @ 25°C</td>
</tr>
<tr>
<td>Solubility</td>
<td>Insoluble in water</td>
</tr>
<tr>
<td>Partition Coefficient</td>
<td>n-octanol/Water: No data available</td>
</tr>
<tr>
<td>Auto-Ignition Temp</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition Temp</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>50 cP - 68,000 cP @ 25°C</td>
</tr>
</tbody>
</table>

10. Stability and Reactivity

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reactivity</td>
<td>Not normally reactive.</td>
</tr>
<tr>
<td>Chemical Stability</td>
<td>Stable under recommended conditions</td>
</tr>
<tr>
<td>Possibility of Hazardous Reactions</td>
<td>None known.</td>
</tr>
<tr>
<td>Conditions to Avoid</td>
<td>Excessive heat.</td>
</tr>
<tr>
<td>Incompatible Materials</td>
<td>Possibly strong oxidizers.</td>
</tr>
<tr>
<td>Hazardous Decomposition Products</td>
<td>Thermal decomposition will generate formaldehyde, and oxides of carbon and silicon.</td>
</tr>
</tbody>
</table>

11. Toxicological Information

- **Eye Contact:** May cause mild irritation.
- **Skin Contact:** May cause mild irritation especially to mucous membranes.
- **Inhalation:** Vapors or mists may cause mild respiratory irritation.
- **Ingestion:** No data available.
- **Chronic Health Effects:** None known.
- **Acute Toxicity Values:** No data available.
- **Germ Cell Mutagenicity:** Components are not known mutagens.
- **Carcinogenicity:** Relevant components are not listed as known or suspected carcinogens by NTP, IARC or OSHA.
- **Reproductive Toxicity:** Relevant components are not known or suspected reproductive toxins.
- **Specific Target Organ Toxicity:** Relevant components are not known or suspected toxins to specific target organs.

12. Ecological Information

- **Ecotoxicity:** Not expected to be dangerous to aquatic organisms.
- **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