# Section 1. Identification

<table>
<thead>
<tr>
<th>Product Identifier</th>
<th>PolyScience Polytherm S150</th>
</tr>
</thead>
<tbody>
<tr>
<td>Synonyms</td>
<td>060326; 143013</td>
</tr>
<tr>
<td>Manufacturer Stock Numbers</td>
<td>143013</td>
</tr>
</tbody>
</table>

**Recommended use** Refer to Technical Data  
**Uses advised against** Refer to Technical Data

**Manufacturer Contact**

**Address**
Soudal  
350 Ring Road  
Elizabethtown, KY, 42701  
USA

**Phone**  
(270) 769-3385  
(800) 424-9300  
CHEMTREC  
(270) 765-2412

# Section 2. Hazards Identification

**Classification** N/A  
**Signal Word** N/A  
**Pictogram** N/A  
**Hazard Statements** N/A  
**Precautionary Statements**

- **Response** N/A  
- **Prevention** N/A  
- **Storage** N/A  
- **Disposal** N/A

**Ingredients of unknown toxicity** 0%
Section 3. Ingredients

<table>
<thead>
<tr>
<th>CAS</th>
<th>Ingredient Name</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>63148-62-9</td>
<td>Dimethylpolysiloxane</td>
<td>1% - 5%</td>
</tr>
<tr>
<td>63148-52-7</td>
<td>Dimethyl, phenylmethyl siloxane, trimethyl-terminated</td>
<td>&gt; 95.0 %</td>
</tr>
</tbody>
</table>

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

**Eye Contact**
Immediately flush with water for 15 minutes.

**Comments**
Treat according to person's condition and specifics of exposure.

**Skin Contact**
No first aid should be needed.

**Inhalation**
No first aid should be needed.

**Ingestion**
No first aid should be needed.

Section 5. Fire Fighting Measures

**Suitable Extinguishing Media**
N/A

**Unsuitable Extinguishing Media**
N/A

**Auto-ignition Temperature**
Not determined

**Hazardous Decomposition Products**
Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products:
- Carbon oxides and traces of incompletely burned carbon compounds
- Formaldehyde
- Silicon dioxide

**Flammability Limits in Air**
Not determined

**Extinguishing Media**
On large fires use dry chemical, foam, or water spray. On small fires use carbon dioxide, dry chemical or water spray. Water can be used to cool fire exposed containers.

**Special Fire Fighting Procedures**
Self-contained breathing apparatus and protective clothing should be worn when fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.

**Unusual Fire or Explosion Hazards**
None known

Section 6. Accidental Release Measures

Hazards not Otherwise Classified
Additional Information Not a hazardous substance or mixture
Steps to be taken in case of spill or release

Determine whether to evacuate or isolate the area according to your local emergency plan. Observe all personal protection equipment recommendations described in Sections 5 and 8. For large spills, provide diking or other appropriate containment to keep material from spreading. If diked material can be pumped, store recovered material in appropriate container. For small spills, wipe up or scrape up and contain for salvage or disposal. Clean area as appropriate since spilled material, even in small quantities, may present a slip hazard. Final cleaning may require the use of steam, solvents or detergents. Dispose of saturated absorbent or cleaning materials appropriately, since spontaneous heating may occur.

Local, state and federal laws and regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which federal, state and local laws and regulations are applicable. Sections 13 and 15 of this MSDS provide information regarding certain federal and state requirements.

Section 7. Handling and Storage

Handling

Use with adequate ventilation. Traces of benzene (carcinogen) may form if heated above 300F (149C). Provide ventilation to control vapor exposure within inhalation guidelines when handling at elevated temperatures. Review OSHA benzene regulation for detailed information on safe handling requirements. Avoid eye contact. Do not breathe mist. Keep container closed.

Storage

Use reasonable care and store away from oxidizing materials.

Section 8. Exposure Controls/Personal Protection

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>STEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dimethylpolysiloxane</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Dimethyl, phenylmethyl siloxane, trimethyl-terminated</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Personal Protective Equipment

N/A

IMPORTANT

This product is neither tested nor represented as suitable for medical or pharmaceutical uses. Not for human injection. Not intended for food or medical use.

Component Exposure Limits

There are no components with workplace exposure limits.

Engineering Controls

Local Ventilation: Recommended
General Ventilation: Recommended

Eye Protection

Use proper protection - safety glasses as a minimum.

Skin Protection

Washing at mealtime and end of shift is adequate.

Suitable gloves: No special protection needed.
Respiratory Protection

No respiratory protection should be needed.

Suitable Respirator:
None should be needed.

Comment
Traces of benzene (carcinogen) may form if heated above 300F (149C). Provide ventilation to control vapor exposure within inhalation guidelines when handling at elevated temperatures. Review OSHA benzene regulation for detailed information on safe handling requirements.

Note
These precautions are for room temperature handling. Use at elevated temperatures or aerosol/spray applications may require added precautions. For further information regarding aerosol inhalation toxicity, please refer to the guidance document regarding the use of silicone-based materials in aerosol applications that has been developed by the silicone industry (www.SEHSC.com).

Section 9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Liquid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Colorless</td>
</tr>
<tr>
<td>Odor</td>
<td>Odorless</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not determined</td>
</tr>
<tr>
<td>Solubility</td>
<td>Not determined</td>
</tr>
<tr>
<td>Partition coefficient Water/n-octanol</td>
<td>Not determined</td>
</tr>
<tr>
<td>VOC%</td>
<td>N/A</td>
</tr>
<tr>
<td>Viscosity</td>
<td>N/A</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.988</td>
</tr>
<tr>
<td>Pounds per Cubic Foot</td>
<td>61.67883</td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt;300C</td>
</tr>
<tr>
<td>FP Method</td>
<td>Closed Cup</td>
</tr>
<tr>
<td>pH</td>
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</tr>
<tr>
<td>Melting Point</td>
<td>Not determined</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>&gt;35C 95F</td>
</tr>
<tr>
<td>Boiling Range</td>
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</tr>
<tr>
<td>LEL</td>
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<tr>
<td>UEL</td>
<td>N/A</td>
</tr>
<tr>
<td>Evaporation Rate</td>
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</tr>
<tr>
<td>Flammability</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No data available</td>
</tr>
</tbody>
</table>
### Section 10. Stability and Reactivity

**Chemical Stability**
- Stable

**Materials to Avoid / Incompatibility**
- Oxidizing material can cause a reaction.

**Hazardous polymerization**
- Will not occur

**Conditions to avoid**
- None known

### Section 11. Toxicological Information

**Acute Toxicology Data for Product**
- Complete information is not yet available.

**Special Hazard Information on Components**
- No known applicable information.

**Component Toxicology Information**
- No known applicable information.

### Section 12. Ecological Information

**Environmental Fate and Distribution**
- Complete information is not yet available.

**Fate and Effects in Waste Water Treatment Plants**
- Complete information is not yet available.

**Environmental Effects**
- Complete information is not yet available.

### Section 13. Disposal

**RCRA Hazard Class (40 CFR 261)**
- When a decision is made to discard this material, as received, is it classified as a hazardous waste? NO

- State or local laws may impose additional regulatory requirements regarding disposal.

### Section 14. Transport Information

**UN Number**
- N/A
UN Proper Shipping Name  N/A
DOT Classification    N/A
Packing Group        N/A
Road Shipment Information (DOT) Not subject to DOT regulations.
Air Shipment (IATA)  Not subject to IATA regulations.
Ocean Shipment (IMDG) Not subject to IMDG code.

**Section 15. Regulatory Information**


**TSCA Status** All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

**SARA Title III Section 302 Extremely Hazardous Substances** None

**SARA Title III Section 304 CERCLA Substances dangereuses** None

**SARA Title III Section 311/312 Hazard Class** Acute: No
Chronic: No
Fire: No
Pressure: No
Reactive: No

**SARA Title III Section 313 Toxic Chemicals** None present or none present in regulated quantities.

**California Proposition 65** This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm: None known

**Massachusetts** No ingredient regulated by MA Right-to-Know Law present.

**New Jersey** Dimethyl, phenylmethyl siloxane, trimethyl-terminated (63148-52-7)

**Pennsylvania** Dimethyl, phenylmethyl siloxane, trimethyl-terminated (63148-52-7)

**Section 16. Other Information**

**Revision Date** 5/9/2019

**Disclaimer** The data contained herein is based upon information that Soudal believes to be reliable. Users of this product have the responsibility to determine that suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements or suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.