Safety Data Sheet
PolyScience Polytherm M170

Section 1. Identification

Product Identifier PolyScience Polytherm M170
Synonyms 04363CL01
Manufacturer Stock Numbers 04363CL01

Recommended use Refer to Product Label
Uses advised against Refer to Product Label

Manufacturer Contact
Address SOUDAL Accumetric
350 Ring Road
Elizabethtown, KY, 42701
USA

Phone (270) 769-3385
Emergency Phone (800) 424-9300
CHEMTREC
Fax N/A

Section 2. Hazards Identification

Classification N/A
Signal Word
Pictogram
Hazard Statements No known significant effects or critical hazards.
Precautionary Statements
Response N/A
Prevention N/A
Storage N/A
Disposal N/A

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified
Avoid contact with skin and clothing. Wash thoroughly after handling.

Defatting to the skin. Prolonged or repeated contact may dry skin and cause irritation.

### Section 3. Ingredients

<table>
<thead>
<tr>
<th>CAS</th>
<th>Ingredient Name</th>
<th>Weight %</th>
</tr>
</thead>
<tbody>
<tr>
<td>8042-47-5</td>
<td>Mineral Oil</td>
<td>100 %</td>
</tr>
</tbody>
</table>

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

### Section 4. First-Aid Measures

**Eye contact**
Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Get medical attention.

**Inhalation**
Remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms occur.

**Skin contact**
Wash skin thoroughly with soap and water or use recognized skin cleanser. Remove contaminated clothing and shoes. Get medical attention if symptoms occur.

**Ingestion**
Wash out mouth with water. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Do not induce vomiting unless directed to do so by medical personnel. Get medical attention if symptoms occur.

**Potential acute health effects**

- **Eye contact**
  - No known significant effects or critical hazards.

- **Inhalation**
  - No known significant effects or critical hazards.

- **Ingestion**
  - No known significant effects or critical hazards.

- **Skin contact**
  - No known significant effects or critical hazards.

- **Over-exposure signs/symptoms**
  - **Eye contact**
    - No specific data
  - **Inhalation**
    - No specific data.
  - **Skin contact**
    - Adverse symptoms may include the following: irritation, dryness, cracking...
Section 5. Fire Fighting Measures

Suitable Extinguishing Media
Use dry chemical, CO₂, alcohol-resistant foam or water spray (fog).

Unsuitable Extinguishing Media
Do not use water jet.

Specific hazards arising from the chemical
In a fire or if heated, a pressure increase will occur and the container may burst.

Hazardous thermal decomposition products
Decomposition products may include the following materials: carbon dioxide, carbon monoxide

Special protective actions for fire-fighters
Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.

Special protective equipment for fire-fighters
Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Section 6. Accidental Release Measures

For non-emergency personnel
No action shall be taken involving any personal risk or without suitable training.
Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Put on appropriate personal protective equipment.

For emergency responders
If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".

Environmental precautions
Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up
Small spill
Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of
via a licensed waste disposal contractor.

Large spill
Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

Section 7. Handling and Storage

Precautions for safe handling
Protective measures
Put on appropriate personal protective equipment (see Section 8).

Advice on general occupational hygiene
Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

Conditions for safe storage, including any incompatibilities
Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits
Ingredient Name | ACGIH TLV | OSHA PEL | STEL
--- | --- | --- | ---
Mineral Oil | TWA: 5 mg/m³ 8 hours. Form: Inhalable fraction | TWA: 5 mg/m³ 8 hours. | 10 mg/m³ 15 minutes. Form: Mist

Personal Protective Equipment
Goggles, Gloves

Section 9. Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Physical State</th>
<th>Liquid [Viscous liquid]</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Colorless</td>
</tr>
<tr>
<td>Property</td>
<td>Value</td>
</tr>
<tr>
<td>--------------------------------</td>
<td>--------------------------------</td>
</tr>
<tr>
<td>Odor</td>
<td>Mild. Hydrocarbon.</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>Not available</td>
</tr>
<tr>
<td>Solubility</td>
<td>Insoluble in hot or cold water</td>
</tr>
<tr>
<td>Partition coefficient Water/n-octanol</td>
<td>&gt;6</td>
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<tr>
<td>VOC%</td>
<td>N/A</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Kinematic (40°C) 25cSt</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.852</td>
</tr>
<tr>
<td>Density lbs/Gal</td>
<td>N/A</td>
</tr>
<tr>
<td>Pounds per Cubic Foot</td>
<td>N/A</td>
</tr>
<tr>
<td>Flash Point</td>
<td>&gt;112°C, &gt;233.6°F</td>
</tr>
<tr>
<td>FP Method</td>
<td>Closed cup</td>
</tr>
<tr>
<td>Ph</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting Point</td>
<td>-60 to -9°C (-76 to 15.8°F)</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Boiling Range</td>
<td>218 to 800°C (424.4 to 1472°F)</td>
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<tr>
<td>LEL</td>
<td>N/A</td>
</tr>
<tr>
<td>UEL</td>
<td>N/A</td>
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<tr>
<td>Evaporation Rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability</td>
<td>Not available</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not available</td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>325 to 355°C (617 to 671°F)</td>
</tr>
<tr>
<td>Vapor Pressure</td>
<td>0.011 kPa [room temperature]</td>
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<tr>
<td>Vapor Density</td>
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**Note**
The above information is not intended for use in preparing product specifications. Contact SOUDAL Accumetric before writing specifications.

### Section 10. Stability and Reactivity

No Data Available

### Section 11. Toxicological Information

No Data Available
Section 12. Ecological Information
No Data Available

Section 13. Disposal
No Data Available

Section 14. Transport Information

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<td>UN Proper Shipping Name</td>
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<tr>
<td>DOT Classification</td>
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<td>Packing Group</td>
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Section 15. Regulatory Information
No Data Available

Section 16. Other Information

<table>
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<th>Revision Date</th>
<th>7/15/2015</th>
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<td>Disclaimer</td>
<td>The data contained herein is based upon information that SOUDAL Accumetric 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.</td>
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