

# Safety Data Sheet

## PolyScience Polytherm S150

### Section 1. Identification

Product Identifier PolyScience Polytherm S150  
Synonyms 060326; 04214CL01  
Manufacture Stock 04214CL01  
Numbers

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

#### Manufacturer Contact Address

SOULDAL 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 N/A  
Precautionary  
Statements  
Response N/A  
Prevention N/A  
Storage N/A  
Disposal N/A

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified Not a hazardous substance or mixture

## Section 3. Ingredients

| CAS        | Ingredient Name                                       | Weight % |
|------------|---|----------|
| 63148-52-7 | Dimethyl, phenylmethyl siloxane, trimethyl-terminated | > 95.0 % |
| 63148-62-9 | Dimethylpolysiloxane                                  | 1% - 5%  |

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

## Section 4. First-aid Measures

|              |  |
|--------------|--|
| Eye Contact  | Immediately flush with water for 15 minutes.                     |
| Skin Contact | No first aid should be needed.                                   |
| Inhalation   | No first aid should be needed.                                   |
| Ingestion    | No first aid should be needed.                                   |
| Comments     | Treat according to person's condition and specifics of exposure. |

## Section 5. Fire Fighting Measures

|                                   |   |
|-----------------------------------|---|
| Suitable Extinguishing Media      | N/A   |
| Unsuitable Extinguishing Media    | N/A   |
| Auto-ignition Temperature         | Not determined  |
| 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  |
| 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<br>Formaldehyde Silicon dioxide                                    |

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## Section 6. Accidental Release Measures

**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

| Occupational Exposure Limits | Ingredient Name                                       | ACGIH TLV | OSHA PEL | STEL |
|------------------------------|---|-----------|----------|------|
|                              | Dimethyl, phenylmethyl siloxane, trimethyl-terminated | N/A       | N/A      | N/A  |
|                              | Dimethylpolysiloxane                                  | N/A       | N/A      | N/A  |

|   |   |
|---|---|
| <p>Personal Protective Equipment</p> <p>IMPORTANT</p> | <p>N/A</p> <p>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.</p>   |
| <p>Component Exposure Limits</p>                      | <p>There are no components with workplace exposure limits.</p>  |
| <p>Engineering Controls</p>                           | <p>Local Ventilation: Recommended General Ventilation: Recommended</p>  |
| <p>Eye Protection</p>                                 | <p>Use proper protection - safety glasses as a minimum.</p>   |
| <p>Skin Protection</p>                                | <p>Washing at mealtime and end of shift is adequate. Suitable gloves: No special protection needed.</p>   |
| <p>Respiratory Protection</p>                         | <p>No respiratory protection should be needed. Suitable Respirator: None should be needed.</p>  |
| <p>Comment</p>  | <p>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.</p>   |
| <p>Note</p>   | <p>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 (<a href="http://www.SEHSC.com">www.SEHSC.com</a>).</p> |

## Section 9. Physical and Chemical Properties

|                                       |                   |
|---------------------------------------|-------------------|
| Physical State                        | Liquid            |
| Color                                 | Colorless         |
| Odor                                  | Odorless          |
| Odor Threshold                        | Not determined    |
| Solubility                            | Not determined    |
| Partition coefficient Water/n-octanol | Not determined    |
| Viscosity                             | N/A               |
| Specific Gravity                      | 0.988             |
| Density lbs/Gal                       | N/A               |
| Pounds per Cubic Foot                 | 61.67883          |
| Flash Point                           | >300C             |
| FP Method                             | Closed Cup        |
| Ph                                    | Not determined    |
| Melting Point                         | Not determined    |
| Boiling Point                         | >35C 95F          |
| Boiling Range                         | N/A               |
| LEL                                   | N/A               |
| UEL                                   | N/A               |
| Evaporation Rate                      | Not determined    |
| Flammability                          | Not applicable    |
| Decomposition Temperature             | No data available |
| Auto-ignition Temperature             | Not determined    |
| Vapor Pressure                        | Not determined    |
| Vapor Density                         | Not determined    |

Note The above information is not intended for use in preparing product specifications. Contact Soudal Accumentric before writing specifications.

## Section 10. Stability and Reactivity

|                                      |  |
|--------------------------------------|--|
| Chemical Stability                   | Stable                                   |
| Hazardous Polymerization             | Will not occur                           |
| Conditions to Avoid                  | None known                               |
| Materials to Avoid / Incompatibility | Oxidizing material can cause a reaction. |

## Section 11. Toxicological Information

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

Component Toxicology Information No known applicable information.

Special Hazard Information on Components No known applicable information.

## Section 12. Ecological Information

Environmental Fate and Distribution Complete information is not yet available.

Environmental Effects Complete information is not yet available.

Fate and Effects in Waste Water Treatment Plants 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)

Ocean Shipment (IMDG)

Air Shipment (IATA)

Not subject to DOT regulations.

Not subject to IMDG code.

Not subject to IATA regulations.

## Section 15. Regulatory Information

|   |   |
|---|---|
|   | The contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.  |
| 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 | 4/28/2015  |
| Disclaimer    | 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. |