Safety Data Sheet

PolyScience Polytherm S150

Section 1. Identification

Product Identifier	PolyScience Polytherm S150
Synonyms	060326; 04214CL01
Manufacture Stock Numbers	04214CL01
Recommended use	Refer to Technical Data
Uses advised against	Refer to Technical Data
Manufacturer Contact	
Address	SOUDAL Accumetric 350 Ring Road Elizabethtown, KY, 42701 USA

Phone	Emergency Phone	Fax
(270) 769-3385	(800) 424-9300 Chemtrec	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 Formaldehyde Silicon dioxide

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 Protecction

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

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

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

NoteThe 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)	Not subject to DOT regulations.
Ocean Shipment (IMDG)	Not subject to IMDG code.
Air Shipment (IATA)	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 Titre 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.