



# Safety Data Sheet

## Brake System Silicone Compound

### Section 1. Identification

Product Identifier Brake System Silicone Compound

Synonyms 1020; 49593

Manufacturer Stock Numbers 143266; 143496

Recommended use Refer to Technical Information

Uses advised against Refer to Technical Information

Manufacturer Contact

Address Dynatex *a division of* Soudal  
350 Ring Road  
Elizabethtown, KY, 42701  
USA

Phone  
(270) 769-3385

Emergency Phone  
(800) 424-9300  
CHEMTREC

Fax  
(270) 769-6418

### 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

General If medical advice is needed, have product container or label at hand  
Keep out of reach of children

Read label before use

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified

GHS Label Element Not a hazardous substance or mixture.

GHS Classification Not a hazardous substance or mixture.

### Section 3. Ingredients

CAS	Ingredient Name	Weight %
112945-52-5	Amorphous fumed silica	5% - 15%

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

### Section 4. First-Aid Measures

Eye Contact	If irritation occurs, flush eye(s) with lukewarm, gently flowing water for 5 minutes. Obtain medical attention.
Skin Contact	No health effects expected. If irritation does occur, flush with lukewarm, gently flowing water for 5 minutes. If irritation persists, obtain medical advice.
Inhalation	If symptoms are experienced remove source of contamination or move victim to fresh air. If irritation persists, obtain medical advice.
Ingestion	If irritation or discomfort occur, obtain medical advice.
Comments	Treat according to person's condition and specifics of exposure.

### Section 5. Fire Fighting Measures

Suitable 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.
Unsuitable Extinguishing Media	None known
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

## Steps to be taken in case of spill or release

Observe all personal protection equipment recommendations in Sections 5 and 8. Wipe or scrape up and contain for salvage or disposal. Clean area as appropriate since spilled materials, even in small quantities, may present a slip hazard. Final cleaning may require use of steam, solvents or detergents. Dispose of saturated absorbant 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. Avoid eye contact.
Storage	Use reasonable care and store away from oxidizing materials. This material in its finely divided form presents an explosion hazard. Follow NFPA 654 (for chemical dusts) or 484 (for metal dusts) as appropriate for managing dust hazards to minimize secondary explosion potential.

## Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Amorphous fumed silica	10 mg/m <sup>3</sup>	6 mg/m <sup>3</sup>	N/A
Personal Protective Equipment	Goggles, Gloves			
Eye Protection	Use proper protection - safety glasses as a minimum.			
Skin Protection	Washing at mealtime and end of shift is adequate.			
	Suitable gloves: Handle in accordance with good industrial hygiene and safety practices.			
Respiratory Protection	No respiratory protection should be needed.			
	Suitable Respirator: None should be needed.			
Engineering Controls	Local Ventilation: None should be needed General Ventilation: Recommended			
Precautionary Measures	Avoid eye contact. Use reasonable care.			
Component Exposure Limits	There are no components with workplace exposure limits.			
Note	These precautions are for room temperature handling. Use at elevated temperatures or aerosol/spray applications may require added precautions.			

## Section 9. Physical and Chemical Properties

Physical State	Paste
Color	Translucent
Odor	Slight, sweet
Odor Threshold	N/A
Solubility	Insoluble in water
Partition coefficient Water/n-octanol	N/A
VOC%	< 1.5%
Viscosity	Not applicable
Specific Gravity	1.03
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	>575F
FP Method	N/A
pH	Not applicable
Melting Point	Not applicable
Boiling Point	>300C
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	N/A
Flammability	N/A
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	N/A
Vapor Density	N/A

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

## Section 10. Stability and Reactivity

Chemical Stability	Stable
Conditions to avoid	None known
Hazardous polymerization	Will not occur
Materials to Avoid / Incompatibility	Oxidizing material can cause a reaction.
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 11. Toxicological Information

Special Hazard Information No known applicable information.  
on Components

## Section 12. Ecological Information

Fate and Effects in Waste Water Treatment Plants Complete information is not yet available.  
Environmental Effects Complete information is not yet available.  
Environmental Fate and Distribution Complete information is not yet available.

## Section 13. Disposal

Waste Disposal Method We make no guarantee or warranty of any kind that the use or disposal of this product complies with all local, state, or federal laws. It is also the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.

This product is not known to be regulated under RCRA regulations. Disposal of unused portions of this product and process waste containing this product should be done only after a careful evaluation and in compliance with all federal, local and state laws.

## Section 14. Transport Information

UN Number N/A  
UN Proper Shipping Name Not regulated  
DOT Classification Not regulated  
Packing Group Not regulated  
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 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.

Note

Chemicals are listed under the 313 Toxic Chemicals section only if they meet or exceed a reporting threshold.

Massachusetts

Silica, amorphous (7631-86-9)

New Jersey

Polydimethylsiloxane (63148-62-9)

Silica, amorphous (7631-86-9)

Dimethyl siloxane, hydroxy-terminated (70131-67-8)

Pennsylvania

Polydimethylsiloxane (63148-62-9)

Silica, amorphous (7631-86-9)

Dimethyl siloxane, hydroxy-terminated (70131-67-8)

California Prop 65

This product does not contain any chemicals known to the State of California to cause cancer, birth, or any other reproductive defects. For more information, go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Section 16. Other Information

Revision Date

6/14/2018

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.