



Safety Data Sheet

BOSS® 411 Silicone General Purpose Compound

Section 1. Identification

Product Identifier	BOSS® 411 Silicone General Purpose Compound		
Synonyms	41153		
Manufacturer Stock Numbers	02618CL10; C19015CL		
Recommended use	Refer to Technical Information		
Uses advised against	Refer to Technical Information		
Manufacturer Contact			
Address	Soudal Accumetric 350 Ring Road Elizabethtown, KY, 42701 USA		
	Phone	Emergency Phone	Fax
	(270) 769-3385	(800) 424-9300 CHEMTREC	(270) 765-2412

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

GHS Classification Not a hazardous substance or mixture.

GHS Label Element Not a hazardous substance or mixture.

Other hazards None known

Section 3. Ingredients

CAS	Ingredient Name	Weight %
112945-52-5	Amorphous fumed silica	1% - 5%
68611-44-9	Hydrophobic silica	5% - 10%
63148-62-9	Dimethylpolysiloxane	70% - 90%

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

Section 4. First-Aid Measures

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

Ingestion If irritation or discomfort occur, obtain medical advice.

Inhalation If symptoms are experienced remove source of contamination or move victim to fresh air. If irritation persists, obtain medical advice.

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.

Eye Contact If irritation occurs, flush eye(s) with lukewarm, gently flowing water for 5 minutes. Obtain medical attention.

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

Auto-ignition Temperature Not determined

Flammability Limits in Air Not determined

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 ³	6 mg/m ³	N/A
	Hydrophobic silica	N/A	N/A	N/A
	Dimethylpolysiloxane	N/A	N/A	N/A

Personal Protective Equipment Goggles

Component Exposure Limits There are no components with workplace exposure limits.

Engineering Controls Local Ventilation: None should be needed
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: Handle in accordance with good industrial hygiene and safety practices.

Respiratory Protection No respiratory protection should be needed.

Suitable Respirator:
None should be needed.

Precautionary Measures Avoid eye contact. Use reasonable care.

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 white
Odor	Odorless
Odor Threshold	N/A
Solubility	Not determined
Partition coefficient Water/n-octanol	N/A
VOC%	11 g/L
Viscosity	Not determined
Specific Gravity	1.03
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A
Flash Point	>214F >101.1C
FP Method	Closed Cup
Ph	Not determined
Melting Point	Not determined
Boiling Point	Not determined
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	Not determined
Flammability	N/A
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	Not determined
Vapor Density	Not determined

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
Hazardous polymerization	Will not occur
Conditions to Avoid	None known
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 on Components No known applicable information.

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

Section 15. Regulatory Information

TSCA Status The contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.
All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

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.
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	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)

Section 16. Other Information

Revision Date

3/29/2016

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.