



Safety Data Sheet

BOSS® 440 Silicone Dielectric Compound

Section 1. Identification

Product Identifier	BOSS® 440 Silicone Dielectric Compound		
Synonyms	44053		
Manufacturer Stock Numbers	02619CL10; C19029CL		
Recommended use	Refer to Technical Information		
Uses advised against	FalRefer 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 %
102-24-9	Trimethoxyboroxin	0.5% - Max
115-77-5	Pentaerythritol	0.5% - Max
112945-52-5	Amorphous fumed silica	2% - 20%
68611-44-9	Hydrophobic silica	20% - Max
63148-62-9	Dimethylpolysiloxane	60% - 90%

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

Section 4. First-Aid Measures

Eye Contact Immediately flush eyes with water for at least 15 minutes. Get medical attention if irritation develops.

Skin Contact Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use. Get medical attention if irritation develops.

Inhalation Not known to cause inhalation problems.

Ingestion DO NOT INDUCE VOMITING. Seek immediate medical attention.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media Use carbon dioxide or dry chemical on small fires. Use foam and/or water spray for large fires.

Unsuitable Extinguishing Media None known

Auto-ignition Temperature Not determined

Special Fire Fighting Procedures Fire fighters should wear full protective clothing including self contained breathing apparatus.

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. Use absorbent material to collect and contain material for disposal.

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

Storage	Store below 100F.
Handling	Keep container closed when not in use. Avoid prolonged skin contact. Keep away from eyes. Use recommended personal protective equipment.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Trimethoxyboroxin	10 mg/m ³	10 mg/m ³	N/A
	Pentaerythritol	10 mg/m ³	10 mg/m ³	N/A
	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, Gloves			
Ventilation	Good general ventilation should be sufficient.			
Eye Protection	Use proper protection - safety glasses as a minimum.			
Skin Protection	Chemical resistant rubber (e.g. neoprene, butyl rubber, nitrile) gloves and other protective gear as needed to prevent skin contact.			
Precautionary Measures	Avoid eye and skin contact. Keep container closed when not in use. Do not take internally.			
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
Partition coefficient Water/n-octanol	N/A
VOC%	10 g/L
Viscosity	850,000 cPs
Specific Gravity	1.03
Density lbs/Gal	8.55
Pounds per Cubic Foot	N/A

Flash Point	>300C
FP Method	Unknown
Ph	Not applicable
Melting Point	Not applicable
Boiling Point	>300C
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	% 5 mm Hg
Vapor Density	>1

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 / Incompatibilities	Strong acids, bases and strong oxidizers.

Section 11. Toxicological Information

Carcinogenicity	This product is not known to be a carcinogen.
Sensitizer	This product is not known to be a sensitizer.
Mutagenicity	This product is not known to be a mutagen.
Reproductive Toxin	This product is not known to be a reproductive toxin.
Teratogenicity	This product is not known to be teratogenic.

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 Unrestricted
DOT Classification Non-hazardous, unrestricted
Packing Group N/A

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 No components subject to 40 CFR 370

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 Silica, amorphous fumed (112945-52-5)
New Jersey Silica, amorphous fumed (112945-52-5)
Pennsylvania Silica, amorphous fumed (112945-52-5)

Section 16. Other Information

Revision Date 11/10/2015

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.