

MSDS Document

Product BOSS® 440 General Purpose Compound MIL-A-8660C

1. Chemical Product and Company Identification

Trade Name of this Product BOSS® 440 General Purpose Compound MIL-A-8660C

Synonyms: 02619CL10, 02536CL01, 01932CL01, 01936CL01, C19029CL, C19038CL, C19037CL

MSDS ID BOSS440

Manufacturer

Accumetric, LLC
350 Ring Road
Elizabethtown, KY 42701

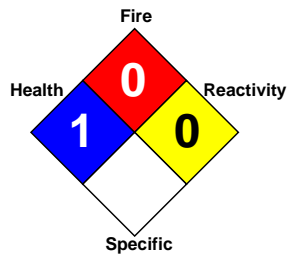
Phone Number

(270) 769-3385

Emergency Phone

CHEMTREC (800) 424-9300

Revision Date 12/17/2009



Health:	1
Fire:	0
Reactivity:	0
Specific	

2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Dimethylpolysiloxane	63148-62-9	60% - 90%			
Hydrophobic silica	68611-44-9	20% - Max			
Amorphous fumed silica	112945-52-5	2% - 20%	10 mg/m ³	6 mg/m ³	
Pentaerythritol	115-77-5	0.5% - Max	10 mg/m	10 mg/m	
Trimethoxyboroxin	102-24-9	0.5% - Max	10 mg/m	10 mg/m	

3. Hazard Identification

Eye Contact

May cause eye irritation.

Skin Contact

No significant irritation expected from a single short-term exposure. Repeated or prolonged

exposure may cause irritation.

Inhalation

No significant effects expected from a single short-term exposure.

Ingestion

May cause irritation. Do not induce vomiting.

4. First Aid Information

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.

5. Fire Fighting Measures

Flash Point	>300C
FP Method	Unknown

Auto-ignition Temperature

Not determined

Extinguishing Media

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

Special Fire Fighting Procedures

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

Unusual Fire or Explosion Hazards

None known

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.

7. Handling and Storage

Handling

Keep container closed when not in use. Avoid prolonged skin contact. Keep away from eyes. Use recommended personal protective equipment.

Storage

Store below 100°F.

8. Exposure Controls and Personal Protection

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.

Ventilation

Good general ventilation should be sufficient.

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.

9. Physical and Chemical Properties

Physical State	Paste
Specific Gravity	1.03
Density lbs/Gal.	8.55
Color/Appearance	Translucent
Odor	Slight, sweet
pH	Not applicable
Boiling/Cond. Point	>300C
Melting/Freezing Point	Not applicable
Solubility	Insoluble
Evaporation Rate	Not determined
VOC %	10 g/L
Percent Volatile	<2
Viscosity	850,000 cPs
Vapor Density	>1
Vapor Pressure	% 5 mm Hg

Note

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

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.

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 a teratogen.

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.

13. Disposal Considerations

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.

14. Transportation Information

DOT Road Shipment Information

DOT Shipping Name: Unrestricted
DOT Hazard Class: Non-hazardous, unrestricted
UN/NA Number: None
Label Required: No special labeling is required

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 Hazardous Substances

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)

16. Other Information

Disclaimer

The data contained herein is based upon information that Accumetric LLC 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 to 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.