

MSDS Document

Product BOSS® 203 Thread Locking Compound

1. Chemical Product and Company Identification

Trade Name of this Product BOSS® 203 Thread Locking Compound

Synonyms: 02153BL10, 02203BL13

MSDS ID BOSS203

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:	1
Reactivity:	1
Specific	

2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Dimethacrylate Ester	25852-47-5	65% - 75%			
Bisphenol A Fumurate Resin	39382-25-7	20% - 30%			
Cumene Hydroperoxide	80-15-9	1% - 3%	1 ppm Skin	None	
Polyethylene, homopolymer	9002-88-4	1% - 3%			
Saccharin	81-07-2	1% - 3%			
Dyes	Trade Secret	0.1% - 1%			
Organic Acid	Trade Secret	0.1% - 1%			
Amorphous fumed silica	112945-52-5	0.1% - 1%	10 mg/m3	6 mg/m3	

3. Hazard Identification

Primary Routes of Entry

Eye contact, skin contact.

Eye Contact

Mild eye irritant

Symptoms of Overexposure

May cause dermatitis with prolonged contact on sensitive individuals.

Existing Conditions Aggravated by Exposure

No known applicable information.

4. First Aid Information

Ingestion

Do not induce vomiting. Keep calm. Obtain medical attention.

Inhalation

Not known to cause inhalation problems.

Skin Contact

Wash affected area with soap and water.

Eye Contact

Flush with warm water for several minutes. Obtain medical attention.

5. Fire Fighting Measures

Flash Point	Greater than 200°F
FP Method	TCC

Extinguishing Media

Carbon Dioxide, Dry Chemical, Foam

Special Fire Fighting Procedures

None

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:

Irritating organic vapors

6. Accidental Release Measures

Steps to be taken in case of spill or release

Observe all personal protection equipment recommendations. Soak up with inert absorbent.

Store in a partly filled, closed container until disposal. Prevent product from entering drains. Local, state and federal regulations may apply to releases and disposal of this material, as well as those materials and items employed in cleanup of releases.

7. Handling and Storage

Storage

Store below 100°F.

Handling

Avoid contact with skin and eyes.

8. Exposure Controls and Personal Protection

Eye Protection

Safety goggles or glasses with side shields are recommended.

Skin Protection

Rubber, polyethylene, or neoprene gloves.

Ventilation

Does not apply.

Respiratory Protection

Does not apply.

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).

9. Physical and Chemical Properties

Physical State	Liquid
Specific Gravity	1.1
Color/Appearance	Blue
Odor	Mild
Boiling/Cond. Point	Greater than 300°F
Solubility	Negligible
Vapor Density	Approximately 3 (air = 1)
Vapor Pressure	Less than 5mm Hg @ 200°F

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 / Incompatibility

Strong oxidizers, free radical initiators, inert gases

11. Toxicological Information

Component Toxicology Information

No known applicable information.

Special Hazard Information on Components

No known applicable information.

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

Not subject to DOT.

Ocean Shipment (IMDG)

Not subject to IMDG code.

Air Shipment (IATA)

Not subject to IATA regulations.

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 312 Hazard Class

Acute: Yes

Chronic: No

Fire: No

Pressure: No

Reactive: No

SARA Title III Section 313 Toxic Chemicals

Cumene Hydroperoxide (80-15-9)

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:

Saccharin. Proper usage necessitates no Proposition 65 warning.

New Jersey

Cumene hydroperoxide (80-15-9)

Saccharin (81-07-2)

Pennsylvania

Cumene hydroperoxide (80-15-9)

Saccharin (81-07-2)

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.