

# MSDS Document

## Product BOSS® 204 Heavy Duty Bolt Locking Compound

### 1. Chemical Product and Company Identification

Trade Name of this Product **BOSS® 204 Heavy Duty Bolt Locking Compound**

Synonyms: 02627RD10, 02627RD13

MSDS ID **BOSS204**

**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](http://www.SEHSC.com)).

## 9. Physical and Chemical Properties

Physical State	Liquid
Specific Gravity	1.1
Color/Appearance	Red
Odor	Mild
Boiling/Cond. Point	Greater than 300°F
Solubility	Negligible
Evaporation Rate	Not Applicable
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.