

MSDS Document

Product BOSS® 139 Fire Mortar

1. Chemical Product and Company Identification

Trade Name of this Product BOSS® 139 Fire Mortar

Synonyms: 03422BK10

MSDS ID BOSS139

Manufacturer

Accumetric, LLC
350 Ring Road
Elizabethtown, KY 42701

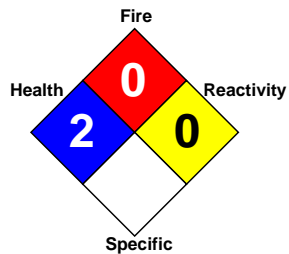
Phone Number

(270) 769-3385

Emergency Phone

CHEMTREC (800) 424-9300

Revision Date 12/17/2009



Health:	2
Fire:	0
Reactivity:	0
Specific	

2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Aluminum hydroxide	21645-51-2	20% - 60%	10 mg/m	10 mg/m	
Sodium silicate	1344-09-8	20% - 60%			
Water	7732-18-5	10% - Max	0		
Clay	1302-78-9	2% - 10%			
Carbon Black	1333-86-4	0.5% - 3%	3.5 mg/m	3.5 mg/m	

3. Hazard Identification

Primary Routes of Entry

Inhalation, skin contact

Eye Contact

May cause eye irritation.

Skin Contact

May cause skin irritation.

Inhalation

No known effects

Ingestion

May cause irritation. Do not induce vomiting.

4. First Aid Information

Eye Contact

Flush eyes gently with water for at least 15 minutes, lifting eyelids occasionally; get prompt medical attention.

Skin Contact

Thoroughly wash exposed skin with soap and water.

Inhalation

Remove to fresh air. If symptoms persist, obtain appropriate medical attention.

Ingestion

Do not induce vomiting. Immediately drink two glasses of water. Never give anything to an unconscious person. Get medical attention.

Comments

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

5. Fire Fighting Measures

Flash Point Not determined

Flammability Limits in Air

Not applicable

Extinguishing Media

Carbon Dioxide, Dry Chemical, Foam
Use water fog to cool material in vicinity of fire.

Special Fire Fighting Procedures

Breathing apparatus required when fighting fires in enclosed spaces.

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:

None known

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

Handling

Avoid eye contact and repeated prolonged contact with the skin. Keep out of reach from children.

Storage

Store in a cool dry place. Protect from freezing and excessive heat. Store away from caustics and oxidizers.

8. Exposure Controls and Personal Protection

Eye Protection

Safety goggles or glasses with side shields are recommended.

Skin Protection

Impervious gloves are suggested.

Ventilation

Good general ventilation should be sufficient.

Respiratory Protection

If engineering controls do not maintain airborne concentrations of hazardous ingredients below TLV, then a NIOSH/MSHA approved organic vapor respirator should be used. Not required under normal usage and adequate ventilation.

Ingestion

Do not eat, drink or smoke during work.

9. Physical and Chemical Properties

Physical State	Paste
Specific Gravity	1.85
Density lbs/Gal.	15.439
Color/Appearance	Black
Odor	Slight
pH	12
Boiling/Cond. Point	100C
Melting/Freezing Point	0C
Solubility	Dilutable in wet stage
Evaporation Rate	Slower than n-Butyl acetate
VOC %	0 g/L
Percent Volatile	20
Viscosity	750,000 cPs

Vapor Density Lighter than air
Vapor Pressure Not determined

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

Excessive heat and freezing.

Materials to Avoid / Incompatibility

Reacts with acids, ammonium salts, reactive metals, and some organics.

11. Toxicological Information

Special Hazard Information on Components

No known applicable information.

Component Toxicology Information

No known applicable information.

12. Ecological Information

Environmental Fate and Distribution

Complete information is not yet available.

Environmental Effects

High pH is harmful to aquatic life.

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

Ocean Shipment (IMDG)

Not subject to IMDG code.

Air Shipment (IATA)

ICAO/IATA Class: 2.1

UN/ID Number: 1950

Label: 2.1

Packaging Group: -

Proper Shipping Name: AEROSOLS, flammable, n.o.s.

DOT Road Shipment Information

Not subject to DOT.

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.

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:

Carbon black (1333-86-4)

SARA Title III Section 302 Extremely Hazardous Substances

None

SARA Title III Section 304 CERCLA Hazardous Substances

None

SARA Title III Section 313 Toxic Chemicals

None present or none present in regulated quantities.

Massachusetts

Carbon black (1333-86-4)

New Jersey

Carbon black (1333-86-4)

Pennsylvania

Carbon black (1333-86-4)

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.