

Safety Data Sheet

BOSS™ 139 Fire Mortar

Section 1. Identification

Product Identifier BOSS™ 139 Fire Mortar
Synonyms 03422BK10
Manufacture Stock Numbers 03422BK10; C39040BK

Recommended use Refer to Technical Data
Uses advised against Refer to Technical Data

Manufacturer Contact
Address SOUDAL Accumetric
350 Ring Road
Elizabethtown, KY, 42701
USA

Phone	Emergency Phone	Fax
(270) 769-3385	(800) 424-9300 Chemtrec	N/A

Section 2. Hazards Identification

Classification EYE DAMAGE/IRRITATION - Category 1
SKIN CORROSION/IRRITATION - Category 2

Signal Word Danger
Pictogram



Hazard Statements Causes serious eye damage
Causes skin irritation

Precautionary Statements

Response If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If on skin: Wash with plenty of soap and water.
If skin irritation occurs: Get medical advice/attention.
Read label before use.

Prevention Take off contaminated clothing and wash it before reuse.
Wash hands thoroughly after handling.

	Wear eye protection/face protection. Wear protective gloves.
Storage	N/A
Disposal	N/A

Ingredients of unknown toxicity 0%

Hazards not Otherwise Classified None known

Section 3. Ingredients

CAS	Ingredient Name	Weight %
1344-09-8	Sodium silicate	15% - 35%
7732-18-5	Water	20% - 40%

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

Section 4. First-aid Measures

Ingestion	Do not induce vomiting. Immediately drink two glasses of water. Never give anything to an unconscious person. Get medical attention.
Inhalation	Remove to fresh air. If symptoms persist, obtain appropriate medical attention.
Skin Contact	Thoroughly wash exposed skin with soap and water.
Eye Contact	Flush eyes gently with water for at least 15 minutes, lifting eyelids occasionally; get prompt medical attention.
Comments	Treat according to person's condition and specifics of exposure.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	N/A
Unsuitable Extinguishing Media	N/A
Unusual Fire or Explosion Hazards	None known
Special Fire Fighting Procedures	Breathing apparatus required when fighting fires in enclosed spaces.
Extinguishing Media	Carbon Dioxide, Dry Chemical, Foam Use water fog to cool material in vicinity of fire.
Flammability Limits in Air	Not applicable
Hazardous Decomposition Products	Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products: None known

Section 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.
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Section 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.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits	Ingredient Name	ACGIH TLV	OSHA PEL	STEL
	Sodium silicate	N/A	N/A	N/A
	Water	0	N/A	N/A

Personal Protective Equipment	N/A
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.
Ventilation	Good general ventilation should be sufficient.
Skin Protection	Impervious gloves are suggested.
Eye Protection	Safety goggles or glasses with side shields are recommended.
Ingestion	Do not eat, drink or smoke during work.

Section 9. Physical and Chemical Properties

Physical State	Paste
Color	Black
Odor	Slight
Odor Threshold	N/A
Solubility	Dilutable in wet stage
Partition coefficient Water/n-octanol	N/A
Viscosity	750,000 cPs
Specific Gravity	1.85
Density lbs/Gal	15.439
Pounds per Cubic Foot	115.49173
Flash Point	Not determined
FP Method	N/A
Ph	12
Melting Point	0C
Boiling Point	100C
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	Slower than n-Butyl acetate
Flammability	N/A
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	Not determined
Vapor Density	Lighter than air

NoteThe above information is not intended for use in preparing product specifications.
Contact SOUDAL Accumentric before writing specifications.

Section 10. Stability and Reactivity

Conditions to Avoid	Excessive heat and freezing.
Hazardous Polymerization	Will not occur
Chemical Stability	Stable
Materials to Avoid / Incompatibility	Reacts with acids, ammonium salts, reactive metals, and some organics.

Section 11. Toxicological Information

Special Hazard Information on Components	No known applicable information.
Component Toxicology Information	No known applicable information.

Section 12. Ecological Information

Environmental Effects	High pH is harmful to aquatic life.
Environmental Fate and Distribution	Complete information is not yet available.
Fate and Effects in Waste Water Treatment Plants	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.
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Section 14. Transport Information

UN Number	N/A
UN Proper Shipping Name	N/A
DOT Classification	N/A
Packing Group	N/A

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.

Ocean Shipment (IMDG)

Not subject to IMDG
code.

Road Shipment
Information (DOT)

Not subject to DOT
regulations.

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.
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 Substances dangereuses	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)

Section 16. Other Information

Revision Date

5/26/2015

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.