



**MATERIAL SAFETY DATA SHEET FOR
BOSS™ FIRE CEMENT – 84612855**

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product type:	Fire Cement
Trade Name:	BOSS Fire Cement
Supplier of product:	The BSS Group Ltd
Registered Office:	Travis Perkins PLC, Lodge Way House, Lodge Way, Harlestone Road, Northampton NN5 7UG.
Telephone/Fax Numbers:	0116 245 5500 / 0116 218 2214
E-mail Address	reception@bssgroup.com
Web site Address	www.bssindustrial.co.uk

2. COMPOSITION/INFORMATION ON INGREDIENTS.

Composition				
Chemical characterisation:	Homogeneous mixture of inorganic fillers and water based thermosetting resins.			
Hazardous Ingredients:				
Name	CAS NO	EC NO	CONC (%w/w)	Classification & R Phrases
Sodium Silicate	1344-09-8	215-687-4	<20%	Xi, R38-41

3. HAZARD IDENTIFICATION

This product is classified as an irritant. There is a risk of serious damage to eyes. Skin contact may defat and dry skin leading to possible irritation and dermatitis due to the alkaline nature of the material.

4. FIRST AID MEASURES

Eye contact:	Immediately irrigate eye thoroughly with eye wash solution or clean water for at least 20 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Medical attention must be obtained after the first aid treatment has been given.
Skin contact:	Remove contamination and wash affected area thoroughly with soap and water.
Inhalation:	Move affected person away from contaminated area and into the fresh air. If symptoms persist, seek medical advice.
Ingestion:	If confined to the mouth, do not swallow; wash out mouth with water. If swallowed, drink plenty of water (at least 300ml) and seek medical advice showing the container/label/safety data sheet. Do not induce vomiting.
Medical Treatment:	If irritation persists seek medical advice.



5. FIRE FIGHTING MEASURES

Suitable extinguishing media:	Carbon dioxide, foam, dry powder or fine water spray. Water can be used to cool containers exposed to fire.
Unsuitable extinguishing media:	None known
Special protective equipment/procedures:	A self-contained respirator and protective clothing should be worn. Keep containers cool with water spray until well after fire is out. Determine the need to evacuate or isolate the area according to your local emergency plan.
Hazardous combustion products:	None established

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures:	Avoid contact with skin and eyes. Do not breathe vapours and ventilate the area. Wear suitable protective equipment before clean up.
Precautions to protect the environment:	Do not allow large quantities to enter drains or surface waters
Methods for cleaning up:	Scrape up and place in a container fitted with a lid. The spilled product produces an extremely slippery surface.

7. HANDLING AND STORAGE:

Advice on safe handling:	General ventilation is recommended. Avoid skin and eye contact. Do not breathe vapour.
Advice on storage:	Do not store with oxidising agents. Keep container closed and store away from moisture. Protect from frost.
Unsuitable packaging materials:	None known

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure limits:	Not applicable
Personal protection equipment	
Respiratory protection:	General ventilation is recommended.
Skin protection:	Avoid contact with skin. Chemical protective gloves should be worn where contact can occur
Eye protection:	Safety glasses should be worn
Hygiene measures:	Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking
Additional information:	None known



9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and odour:	Stiff paste, packed into plastic buckers
Colour:	Buff
Flash point:	Not applicable
Bulk Density (as placed)	2.0 g/cm ³
Solubility:	Miscible in water
The above information is not intended for use in preparing product specification	

10. STABILITY AND REACTIVITY

Stability:	Stable at room temperature
Conditions to avoid:	Non established
Materials to avoid:	Avoid contact with acids, strong oxidising agents, strong reducing agents, aldehydes, inorganic nitrates
Hazardous decomposition products:	During combustion Carbon monoxide and Carbon dioxide will be generated

11. TOXICOLOGICAL INFORMATION

On contact with eyes:	A severe irritant may cause a chemical burn resulting in corneal damage
On skin contact:	Prolonged skin contact
If inhaled:	Not applicable
On ingestion	May cause irritation of the mouth, throat and digestive system and eventual vomiting
Other health hazard information:	Not known

12. ECOLOGICAL INFORMATION

Environmental fate and distribution:	Contains biodegradable and non-biodegradable components
Ecotoxicity effects:	Aquatic and terrestrial ecotoxicity unknown. Product should not be allowed into drains or watercourses

13. DISPOSAL CONSIDERATIONS

Product disposal:	Product should be disposed of as Special Waste by incineration or landfill via a licensed waste disposal contractor. DO NOT empty product into drains
Packaging disposal:	Product should be disposed of as Special Waste by incineration or landfill via a licensed waste disposal contractor. DO NOT empty product into drains

14. TRANSPORT INFORMATION

Road/Rail (ADR/RID):	Not subject to ADR/RID
Sea transport (IMDG)	Not subject to IMDG code
Air transport (ICAO)	Not subject to ICAO regulations



15. REGULATORY INFORMATION

Classification as required by The Chemicals (Hazard Information & packaging for Supply) CHIP Regulations	
Labeling according to EEC directive	
Nature of hazard	Irritant
Hazard symbols	Xi
R-phrases	R41 Risk of serious damage to eyes
S-phrases	S2 Keep out of reach of children S24 Avoid contact with skin S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice S37/39 Wear suitable gloves and eye/face protection
EINICS	All ingredients listed or exempt

16. OTHER INFORMATION

This product Safety Data Sheet was prepared in compliance with Commission Directive 91/155/EEC, 67/548/EEC and 1999/45/EC as well as their relevant amendments, on the approximation of laws, regulations and administrative provisions relative to the classification, packaging and labeling of dangerous substances and preparations.

It is the responsibility of the persons in receipt of this Safety Data Sheet to ensure that the information contained herein is properly read and understood by all people who may use, handle, dispose or in any way come in to contact with the product. If the recipient subsequently produces a formulation containing this item, it is the recipient's sole responsibility to ensure the transfer of all relevant information from the Product Safety Data Sheet to their own Product Safety Data Sheet in compliance with Commission Directive 1999/45/EC.

All sections of this Safety Data Sheet have been amended since the previous version.

All information and instructions provided in the Safety Data Sheet (SDS) are based on the current state of scientific and technical knowledge at the date indicated on the present SDS.

DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.