

SAFETY DATA SHEET (SDS)
according to Regulation (EC) No. 1907/2006 (REACH)

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier:

Product Name

tuffjoint jointing mortar

tuffflow jointing mortar

1.2. Relevant identified uses of the substance or mixture and uses advised against

SU19: Building and construction work.

Any uses not mentioned above, are advised against.

1.3 Details of the supplier of the safety data sheet:

tuffbau Ltd
1 Northwick Road
Canvey Island
Essex
SS8 0PU

Telephone: +44 (0) 203 598 9800

Email: info@tuffbau.com

1.4 Emergency telephone number

Telephone: +44 (0) 7748 652 206

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture:

Hazard Class	Hazard Category	Hazard Statements
This substance does not present a physical hazard	N/A	N/A
This substance does not present a health hazard with the exception of possible occupational exposure thresholds	N/A	N/A
This substance does not present an environmental hazard. No known or foreseeable environmental damage under standard conditions of use.	N/A	N/A

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 [CLP/GHS]

No labelling requirement for this substance

2.3 Other hazards

Mixture does not meet the criteria for PBT or vPvB in accordance with Annex XIII of REACH (Regulation (EC) No 1907/2006).

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable as the product is a mixture, not a substance.

3.2 Mixtures

Description of the mixture

Calcium Aluminate Cement (CAC), Ground Granulated Blast-furnace Slag (GGBS), Milled Anhydrite, Calcium Carbonate and Dry Silica Sand blend.

Hazardous ingredients

Substance Name	CAS No.	EC No.	REACH No.	Classification according to Regulation (EC) No. 1272 [CLP]
None	N/A	N/A	N/A	N/A

SECTION 4: First aid measures

4.1 Description of first aid measures

Following inhalation

In case of exposure to high concentration of dust, move the person to fresh air.

Contact a physician if irritation persists or later develops or if discomfort, coughing or other symptoms persist.

Following skin contact

For dry product, remove and wash skin with soapy water.

For wet product, wash skin with soapy water.

Remove contaminated clothing, footwear, watches, etc. and clean thoroughly before re-using them.

Contact a medical practitioner in case of serious and persistent irritation.

Following eye contact

Do not rub eyes in order to avoid possible cornea damage as a result of mechanical stress. Remove contact lenses if any. Incline head to injured eye, open the eyelid(s) widely and flush eye(s) immediately by thoroughly rinsing with plenty of clean water for at least 20 minutes to remove all particles. Avoid flushing particles into uninjured eye. If there is any redness or irritation contact a medical practitioner.

Following ingestion

Do not induce vomiting. If the person is conscious, wash out mouth with water and give plenty of water to drink. Seek medical attention.

Self-protection of the first aider

No personal protective equipment is needed for first aid responders.

4.2 Most important symptoms and effects, both acute and delayed

The acute symptoms would give pain in the eyes because of dust entry. There are no delayed effects if first aid treatment is effectively applied.

4.3 Indication of any immediate medical attention and special treatment needed

Generally, no need for immediate medical attention. Follow the advice in section 4.1.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Product and constituents are non-flammable.

5.2 Special hazards arising from the substance or mixture

Product and constituents are non-flammable.

5.3 Advice for fire-fighters

Product and constituents are non-flammable.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Personal protective equipment should be worn to prevent contact of dry or wet product with skin, prevent inhalation or ingestion and prevent contact with eyes.

For emergency responders

No personal protective equipment is needed for emergency responders.
Avoid generation of dust and ensure adequate ventilation.

6.2 Environmental precautions

Do not allow significant quantities of undiluted product to enter sewer and drainage systems or into bodies of water.

6.3 Methods and material for containment and cleaning up

Dry product:

Use filtered vacuum or shovel to remove large quantities of dry product. Avoid airborne distribution. If this is not possible, wet the product and proceed as detailed below.

Wet product:

Place wet product in to a container and allow to solidify prior to disposal.

6.4 Reference to other sections

Refer to section 8 for further relevant information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Protective measures

Advice on safe handling

Personal protective equipment should be worn to prevent contact of dry or wet product with skin, prevent inhalation or ingestion and contact with eyes.



Fire preventions

Product and constituents are non-flammable.

Aerosol and dust generation preventions

Avoid airborne distribution. Suppress dust with water during mixing of product.

Environmental precautions

Do not allow significant quantities of undiluted product to enter sewer and drainage systems or into bodies of water.

Advice on general occupational hygiene

Personal protective equipment should be worn to prevent contact of dry or wet product with skin, prevent inhalation or ingestion and prevent contact with eyes.

7.2 Conditions for safe storage, including any incompatibilities

Store in a dry store in original packaging on pallets

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Occupational exposure limits

Follow occupational exposure limits for dust (inhalable and respirable).
UK/WEL (EH40/2005, 2007):

- Inhalable dust 8 hour: TWA = 10 mg/m³
- Respirable dust 8 hour: TWA = 4 mg/m³

8.2 Exposure controls

Appropriate engineering controls:

Avoid airborne distribution. Suppress dust with water during mixing of product.

Do not allow significant quantities of undiluted product to enter sewer and drainage systems or into bodies of water.

Personal protective equipment:

Personal protective equipment should be worn to prevent contact of dry or wet product with skin, prevent inhalation or ingestion and prevent contact with eyes.

Environmental exposure controls:

Avoid airborne distribution. Suppress dust with water during mixing of product.

Do not allow significant quantities of undiluted product to enter sewer and drainage systems or into bodies of water.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Different colour (Grey, Yellow, Cream and Black) powders with small grit particles
Odour	Odourless
pH	11-13
Flammability	Non-flammable
Relative density	~ 1.5 - 2.0 g/cm ³
Explosive properties	Non-explosive

SECTION 10: Stability and reactivity

10.1 Reactivity

Unused dry powdered product reacts with water to produce stable hydrates.

10.2 Chemical stability

The substance is stable under normal storage and handling condition. Solidified product is stable.

10.3 Possibility of hazardous reactions

No risk of hazardous reactions.

10.4 Conditions to avoid:

Avoid damp conditions during storage.

10.5 Incompatible materials:

None, to the best of knowledge

10.6 Hazardous decomposition products:

These CAC based product will not decompose to form any hazardous products.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Inhalation, ingestion and contact with cement dust contained within product can aggravate existing respiratory skin and eye conditions and can cause external and internal burns and serious damage to eyes.

SECTION 12: Ecological information

12.1 Toxicity:

Unused dry powdered product and product freshly mixed with water is not environmentally hazardous. Do not allow significant quantities of undiluted product to enter sewer and drainage systems or into bodies of water.

Solidified product following mixing with water is not environmentally hazardous.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Unused dry powdered product:

EWC entry: 10 13 06 (other particulates and dust).
Harden with water and dispose of as detailed below.

Wet mixed product:

Do not allow significant quantities of undiluted product to enter sewer and drainage systems or into bodies of water. Allow to harden and dispose of as detailed below.

Solidified product following mixing with water:

EWC entries: 17 01 01 (construction and demolition wastes - concrete).
Dispose of hardened product as concrete waste according to local legislation.

Packaging:

EWC entries: 15 01 01 (waste paper and cardboard packaging), 15 01 02 (Plastic packaging).
Completely empty the packaging and process it according to local legislation.

SECTION 14: Transport information

The products are not covered by the international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID), therefore no classification is required.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

CAC is a mixture according to REACH and is not subject to registration.

15.2 Chemical Safety Assessment

For this product a chemical safety assessment is not required.

SECTION 16: Other information

16.1 Indication of changes

This document is revision v1.

16.2 Training advice and further information

For assistance in appropriately specifying the products and training on handling, use and application of the products please visit www.tuffbau.com or call +44 (0) 203 598 9800 or email info@tuffbau.com