

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 Product Identifier Name:

Make Good Hardwall 25kg

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

Use of substance/mixture	Machine Plaster
--------------------------	-----------------

1.3 Details of the supplier of the safety data sheet:

Company:	Birmingham Innovations Ltd No. 3 Caroline Court 13 Caroline Street St Pauls Square Birmingham B3 1TR United Kingdom
----------	---

Telephone:	0121 369 0570
------------	---------------


SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture:

Serious Eye Damage / Eye Irritation, Category 2, H319

Notes: For the full text of the H sentences mentioned in this Section, see Section 16

2.2 Label elements:

GHS Pictograms	
Signal word	Warning
Contains	Hydrated lime, tartaric acid
Hazard statements:	H319 - Causes serious eye irritation

Precautionary statements:

Prevention	P264 - Wash contact zones thoroughly after handling. P280 - Wear protective gloves/protective clothing/eye protection/face protection.
Response	P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P337 + P313 - If eye irritation persists: Get medical advice/attention.

2.3 Other hazards:

This mixture does not contain substances assessed to be vPvB / PBT according to Regulation (EC) No 1907/2006, Annex XIII.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1 Substance

Not applicable

3.2 Mixtures

Ingredients composition:

CHEMICAL NAME	EC NO.	CAS NO.	%	CLASSIFICATION
Ground Gypsum	603-783-2	13397-24-5	90-92	Not Classified
Calcite	603-785-3	13397-26-7	8-8.5	Not Classified
Expanded Perlite	618-970-4	93763-70-3	2-4	Not Classified
Hydrated lime	215-137-3	1305-62-0	0.5-1.0	Skin Irrit. 2 – H315 Eye Dam. 1 – H318 STOT SE 3 – H335
Water Retention and Adhesive Chemical (Methyl Cellulose – Wallocel XTRA 4-50)	-	-	0.12-0.15	Not Classified
Modified Starch (Sorbus)	-	-	0.03-0.04	Not Classified
Air Immersive (Asco 93)	270-407-8	68439-57-6	0.02-0.04	Skin Irrit. 2 – H315 Eye Irrit. 2 – H319 Aquatic Chronic 2 – H411
Setting time Regulator (Tartaric Acid)	201-766-0	87-69-4	0.06-0.07	Eye Dam. 1 – H318

Notes: the full text for all H-statements is displayed in section 16

SECTION 4: FIRST AID MEASURES

4.1 Description of first aid measures

Skin contact:	Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye contact:	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion:	If swallowed, rinse the patient's mouth with clean water and then drink plenty of water or milk. Never give anything by mouth if unconscious. Consult physician.
Inhalation:	Move to fresh air. Do not breathe dust. Call a physician if symptoms develop or persist.

4.2 Most important symptoms and effects, both acute and delayed

Direct contact with eyes may cause temporary irritation.

4.3 Indication of any immediate medical attention and special treatment needed

Immediate special treatment:	Show this safety data sheet to the doctor in attendance.
------------------------------	--

SECTION 5: FIRE FIGHTING MEASURES

5.1 Extinguishing Media

Suitable extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

Unsuitable extinguishing media

No restrictions known.

5.2 Special hazards arising from the substance or mixture

None known

5.3 Advice for fire-fighters

Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel:

Avoid inhalation of dust and contact with skin and eyes. Wear appropriate protective equipment and clothing during clean-up. Local authorities should be advised if significant spillages cannot be contained.

For emergency responders:

Keep unnecessary personnel away. Use personal protection recommended in Section 8 of the SDS.

Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Keep unnecessary personnel away.

6.2 Environmental precautions

Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.

6.3 Methods and materials for containment and cleaning up

Ventilate spill location. Collect the spills and dispose of them in a suitable disposal container without generating dust.

Sweep the material with an absorbent or sweep up to a suitable disposal container. Use suitable respiratory equipment and appropriate personal protective equipment.

Avoid dust formation. Collect powder using special dust vacuum cleaner with particle filter or carefully sweep into closed container. Prevent entry into waterways, sewer, basements or confined areas.

6.4 References to other sections

For information on safe handling see section 7, for information on personal protection equipment see section 8, for disposal-related information see section 13.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Provide good ventilation in the workplace. Work with industrial hygiene standards and common rules to prevent inhalation, ingestion, exposure to the skin and skin during use of chemicals. Remove contaminated clothing and wash before using again. Do not eat, drink or smoke when using this product.

Do not get in contact with food, drinks or animal feed.

Avoid inhalation of dust and contact with skin and eyes. Use only with adequate ventilation. Use Personal Protective Equipment recommended in section 8 of the SDS. Wash thoroughly after handling. Observe good industrial hygiene practices.

7.2 Conditions for safe storage, including any incompatibilities

Store in a well-ventilated, dry and cool places. Keep container tightly closed in a dry and well-ventilated place. Protect containers from physical damage and keep them closed and upright. Keep it in its original package. Make sure that the packing cover is tightly closed. Do not handle or store near an open flame, heat or other sources of ignition. Store away from incompatible materials. Comply with local regulations.

7.3 Specific end use(s)

The identified uses for this product are detailed in Section 1.2

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Ingredient	OSHA PEL, TWA 8/40h (mg/m3)	ACGIH TLV, TWA 8/40h (mg/m3)	NIOSH REL, TWA 8/40h (mg/m3)	NIOSH IDLH (mg/m3)
Calcium Carbonate	15 (total dust) 5 (respirable)	10	10 (total dust) 5 (respirable)	n/a

8.2 Exposure controls

General protection and hygiene measures:

Keep away from food items, beverages and animal fodder. Remove contaminated, contaminated clothing immediately. Wash your hands at the end of the work and at work. Do not eat or drink any food when using this product.

Personal protective equipment/equipment:

Respiratory protection:

In case of insufficient ventilation and above the limit values, appropriate respiratory protection should be used.

Protection of hands:

Use protective gloves.

It is sufficient to consider puncture resistance, permeability rates and deterioration in selection of gloves.

Selected protective gloves must comply with EN 374 standards.

Glove material:

Gloves made of butyl rubber and/or PVA.



Eye Protection:

Use safety goggles or face masks that have been tested and approved in accordance with standards such as EN 166 (EU).

Contact lenses should not be worn.



Body Protection:

Choose appropriate body protection according to the type, concentration and amount of dangerous substance, and workplace conditions. Use waterproof clothing or a chemical suit in accordance with EN 14605.



Hygiene measures:

Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

Environmental Exposure Controls:

The provisions of existing legislation for the protection of the environment must be fully implemented.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Physical state	Solid
Colour	White
Odour	No data available
Melting point	Not applicable
Boiling point	Not applicable
Flash point (°C)	Not applicable
Density, gr/cm ³ @ 20 °C	650-750
pH Value, @ 20°C, Sol'n	13
Solubility in water	Soluble.
Viscosity, mPa's @ 20°C	No data available
Explosive properties	No explosive properties
Oxidising property	No oxidizing property
9.2 Exposure controls	
No data available	

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

The product is stable and non-reactive under normal conditions of use, storage and transport.

10.2 Chemical stability

Stable under recommended handling and storage conditions.

10.3 Possibility of hazardous reactions

No harmful reactions are to be expected when the product is handled and stored properly.

10.4 Conditions to avoid

Avoid dust formation.

10.5 Incompatible materials

Strong oxidising agents.

10.6 Hazardous decomposition products

No hazardous decomposition products are known.

SECTION 11: TOXICOLOGICAL INFORMATION
11.1 Information on toxicological effects
No test data is available for the mixture.
Acute toxicity
No data available.
Skin corrosion/irritation
Dust may irritate skin. Skin irritation occurs on contact with moist or wet skin.
Serious eye damage/irritation
Dust may irritate the eyes. Dust in the eyes: Exposed individuals may experience eye tearing, redness, and discomfort.
Respiratory or Skin Sensitization
No data available.
Germ cell mutagenicity
No data available.
Carcinogenity
No data available.
Reproductive toxicity
No data available.
Specific Target Organ Toxicity (Single Exposure)
No data available.
Specific Target Organ Toxicity (Repeated Exposure)
No data available.
Aspiration Hazard
No data available.

SECTION 12: ECOLOGICAL INFORMATION
12.1 Toxicity
No data available.
12.2 Persistence and degradability
No data available.
12.3 Bio accumulative potential
No data available.
12.4 Mobility in soil
No data available.
12.5 Results of PBT and vPvB assessment
This product does not contain any substances classified as PBT or vPvB.
12.6 Other adverse effects
No data available.

SECTION 13: DISPOSAL CONSIDERATIONS
13.1 Waste treatment methods
Residual waste
Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging
Since emptied containers may retain product residue, follow label warnings even after container is emptied. Empty containers should be taken to an approved waste handling site for recycling or disposal.

SECTION 14: TRANSPORT INFORMATION

Product is not classified as dangerous in the meaning of transport regulations (ADR/RID, ADN, IMDG and ICAO/IATA).

14.1 UN number	Not regulated
14.2 UN proper shipping name	Not regulated
14.3 Transport hazard class(es)	Not regulated
14.4 Packing Group	Not regulated
14.5 Environmental hazard	Not regulated
14.6 Special precautions for user	None
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	No information available

SECTION 15: REGULATORY INFORMATION

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

- Regulation (EC) No 1907/2006, (REACH)
- Commission Regulation (EU) No 453/2010 amending Regulation (EC) No 1907/2006
- Regulation (EC) No 1272/2008 (CLP)
- Commission Directive 2006/15/EC
- Commission Directive 2000/39/EC
- ADR - European Agreement Concerning the International Carriage of Dangerous Goods by Road

SECTION 16: OTHER INFORMATION

Full text of any H-statements not written out in full under Sections 2 to 15

H315	Causes skin irritation.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H335	May cause respiratory irritation.
H411	Toxic to aquatic life with long lasting effects.

List of abbreviations

ADR	European Agreement Concerning the Int. Carriage of Dangerous Goods by Road
CAS No	Chemical Abstract Service Index Number
CLP	Regulation of Classification, Labelling and Packaging of Chemicals
EC No	European Commission Number
IATA	International Air Transport Association
IMDG	International Maritime Code for Dangerous Goods
LD50	Dosage producing 50% mortality
NIOSH	National Institute for Occupational Safety and Health
PBT	Persistent Bioaccumulative Toxic
RID	International Rule for Transport of Dangerous Substances by Railway
vPvB	Very Persistent, Very Bioaccumulative

This safety data sheet is prepared in accordance with Commission Regulation no. 1907/2006 with its amendment Regulation (EU) 2015/830.

Date Prepared: 13/05/2019

Revision no.: 1

Disclaimer:

All information herein is believed to be correct based upon data obtained by the manufacturer and recognized sources but does not mean to be all inclusive and shall be used as a guide only. It is the purchaser's/user's responsibility to follow the instructions on Safety, Health and Environmental and operational rules and regulations.