

PLASTERBOARD is an article within the meaning of REACH (REGULATION (EC) No 1907/2006) and as retained in UK law according to Statutory Instrument 2019 No 758 The REACH etc (Amendment etc) (EU Exit) Regulations 2019 ("UK REACH Regulation"). Safety data sheets do not have to be provided for articles.

Moreover this article, for which safety information is given, does not contain substances of very high concern, substances of which the use is restricted by the Commission or UK Regulator or substances on the Candidate List of Substances of Very High Concern for Authorisation. Even if this article is not subjected to any obligation to classify or label (Art 4 of Regulation (EC) No 1272/2008 and its equivalent retained in UK law), Etex Group has decided to provide information about identification, first aid and release measures, exposure control, disposal and transport.

This safety information sheet gives details to industrial and professional users on the safe use of this article. Throughout this document, references to EU Regulation include the equivalent regulations retained in UK law after 31 December 2020.

SECTION 1: Identification of the article and of the company/undertaking

1.1. Product identifier

Product form	: Article
Product name	: PLASTERBOARD
Product group	: Trade product
Other means of identification	: Siniat Base Board Siniat Contour Board Siniat dB Board Siniat E Board Siniat Fire Board Siniat Fire Core Board Siniat Megadeco Siniat Moisture Board Siniat Fire MR Board Siniat Universal Board Siniat Plank Siniat Standard Board Siniat Vapour Board Siniat Creason Siniat LaDura Board Siniat Frameboard

1.2. Relevant identified uses of the Article and uses advised against

1.2.1. Use of the Article

Use of the substance/mixture : Plasterboard

1.2.2. Uses advised against

No additional information available.

1.3. Details of the supplier of the safety data sheet

Etex Building Performance Limited
Gordano House, Marsh Lane, Easton-in-Gordano
BS20 0NE Bristol - UNITED KINGDOM
T +44 (0)1275 377 773
technical@siniat.co.uk

1.4. Emergency telephone number

Emergency number : Please contact a regional poison center or emergency telephone number.

Country	Organisation/Company	Address	Emergency number	Comment
United Kingdom	NHS 111/NHS 24/NHS Direct		111 0845 4647	or call a doctor

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United Kingdom	National Poisons Information Service (Belfast Centre) Royal Victoria Hospital	Grosvenor Road BT12 6BA	0344 892 0111	Only for healthcare professionals
United Kingdom	National Poisons Information Service (Newcastle Centre) Regional Drugs and Therapeutics Centre	16/17 Framlington Place Newcastle-upon-Tyne NE2 4AB	0344 892 0111	Only for healthcare professionals

SECTION 2: Hazards identification

2.1. Classification of the article

Not applicable : articles are not subjected to any obligation to classify (Art 4 of Regulation (EC) No 1272/2008)

2.2. Label elements

Not Applicable according to the CLP Regulation No (EC) 1272/2008.

2.3. Other hazards

Other hazards which do not result in classification : Mechanical actions on plasterboard will generate gypsum dust and may release glass fibres which may irritate skin, eyes and the respiratory system. Please see sections 8 & 11 below.

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Not applicable

3.3. Article

Components : Plasterboard: Calcium sulphate dihydrate encased within paper liners. Additionally nominal amounts of additives such as: starch, foaming agent and dispersants.
Fire Board, Megadeco, Universal and Fire Core Board: also contains some glass fibre and vermiculite.
Moisture Board, Fire MR and Fire Core Board: also contains some wax.
Vapour Boards: are backed with a metalised polyester film.
LaDura Board: also contains some silicon oil and wood particles (size from 0 to 3 mm).

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general : In case of doubt or persistent symptoms, consult always a physician.
First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Seek medical advice.
First-aid measures after skin contact : Wash skin with soap and water. No allergic reactions are known.
First-aid measures after eye contact : Do not rub the eye. Rinse with plenty of clean water, lifting lower and upper eyelids occasionally. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion : Rinse mouth out with water. Drink plenty of water. Do not induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects after inhalation : As with most types of nuisance dust, excessive inhalation of dust may cause irritation of the throat and bronchial tubes and lead to coughing.
Symptoms/effects after eye contact : Dust from this product may cause eye irritation.

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4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Use extinguishing media appropriate for surrounding fire.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Plasterboard has limited combustibility; however paper facings and packaging may burn.

5.3. Advice for firefighters

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Minimise generation of dust. Avoid breathing dust. Avoid eye and skin contact. Dampen down any dust or use vacuum cleaner with correct filter.

6.1.1. For non-emergency personnel

No additional information available.

6.1.2. For emergency responders

Protective equipment : Use personal protective equipment as required.

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Pick up mechanically. Avoid dust formation.

6.4. Reference to other sections

Personal protection: section 8; Product disposal: section 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Additional hazards when processed : Dust, generated during machining and processing must be exhausted and the regulatory occupational exposure limits (workplace exposure limits in UK) for total and respirable dust must be respected. When manually handling plasterboards, use suitable manual handling techniques to limit risk, according to the Manual Handling Operations Regulations 1992. The unit weight of boards is printed on them to facilitate risk assessment at the point of use. Mechanical handling aids may be used to reduce the risk of injury.

Precautions for safe handling : Use always respiratory protective equipment when exposures are likely or can be foreseen to exceed the Occupational Exposure Limits or Workplace Exposure Limits in the UK (refer to local regulations). Collect dust with a vacuum cleaner or soak with water before sweeping up. Ensure good ventilation of the work station. Use tools with appropriate dust exhaust equipment. Plasterboard is supplied wrapped in film on a bearer support system. Packs should be moved using a fork lift truck or hydraulic trolley, care should be taken to ensure that the machinery is safely capable of such movements and that the operator is trained and competent.

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Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Plasterboard should be stored in dry flat conditions, if supported on bearers these should not exceed 450mm maximum centres. Avoid stacking of packs when site temperatures fall below 0 deg C. Plasterboard bearers are suitable for stacking single packs on racking systems. Users should ensure bearers are undamaged and properly aligned when used on racking. The re-use of used bearers is not recommended for any storage of plasterboard. Plasterboard is not a suitable product to be used as a platform or deck, it will not support body weight and therefore it is important that installers use an independent support mechanism.

7.3. Specific end use(s)

For more information regarding the use of this product, please refer to our technical information or contact the sales department in your region.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.1.1 National occupational exposure and biological limit values

Calcium sulphate dihydrate (10101-41-4)	
United Kingdom - Occupational Exposure Limits	
Local name	Gypsum
WEL TWA (OEL TWA) [1]	10 mg/m ³ inhalable dust, 4 mg/m ³ respirable dust
Regulatory reference	EH40/2005 (Forth edition, 2020), HSE

Crystalline silica (quartz) (14808-60-7)	
EU - Indicative Occupational Exposure Limit (IOEL)	
Local name	Silica crystalline (Quartz)
IOEL TWA	0.1 mg/m ³ respirable
Remark	(Year of adoption 2003) (Year of adoption 2003)
Regulatory reference	Directive EU 2017/2398
United Kingdom - Occupational Exposure Limits	
Local name	Silica, respirable crystalline
WEL TWA (OEL TWA) [1]	0.1 mg/m ³
Regulatory reference	EH40/2005 (Third edition, 2018). HSE

Mineral wool - Man-made vitreous (silicate) fibres with random orientation with alkaline and alkali earth oxides (Na₂O+K₂O+CaO+ MgO+BaO) content greater than 18% by weight and fulfilling one of the CLP Regulation Annex VI Note Q conditions	
United Kingdom - Occupational Exposure Limits	
Local name	MMMF (Machine-made mineral fibre)
WEL TWA (OEL TWA) [1]	5 mg/m ³
Regulatory reference	EH40/2005 (Forth Edition, 2020)

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Calcium carbonate (1317-65-3)	
United Kingdom - Occupational Exposure Limits	
Local name	Calcium carbonate (Limestone, Marble)
WEL TWA (OEL TWA) [1]	4 mg/m ³ respirable 10 mg/m ³ total inhalable
Regulatory reference	EH40/2005 (Fourth edition, 2020). HSE

8.1.2. Recommended monitoring procedures

No additional information available.

8.1.3. Air contaminants formed

No additional information available.

8.1.4. DNEL and PNEC

No additional information available.

8.1.5. Control banding

No additional information available.

8.2. Exposure controls

8.2.1. Appropriate engineering controls

No additional information available.

8.2.2. Personal protection equipment

8.2.2.1. Eye and face protection

Eye protection:

Eye protection is recommended when dust and/or fibres are likely to be generated as irritation may be caused by contact.

8.2.2.2. Skin protection

Skin and body protection:

Exposed skin should be kept to a minimum to avoid contact with fibres. . Disposable overalls are suitable.

Hand protection:

Hands should be protected when handling this product. Barrier cream may provide further protection from irritation.

8.2.2.3. Respiratory protection

Respiratory protection:

To further reduce exposure to dust, use appropriate respiratory protection complying with BS EN Standards. A dust mask of type at least FFP2 will be required (use type FFP3 for high concentrations of dust)

8.2.2.4. Thermal hazards

No additional information available.

8.2.3. Environmental exposure controls

Other information:

The concentration of airborne dusts and fibres must be controlled. Mechanical action on plasterboard (eg sawing, drilling, sanding, etc) may lead to the generation and release of dusts and fibres, including respirable crystalline silica. Avoid the generation and dispersal of airborne dust and fibres by using tools with dust extraction or by using local exhaust ventilation (LEV). . Take off immediately all contaminated clothing and wash it before reuse. Keep workplace clean and tidy as much as possible. When using, do not eat, drink or smoke. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Solid
Colour	: Not available
Appearance	: Paper faced flat sheet, available in a range of thicknesses, widths and lengths, with edge profiles being either square or taper edged. Paper colour varies depending on board type.
Odour	: Not available
Odour threshold	: Not available
Melting point	: 1450 °C
Freezing point	: Not available
Boiling point	: Not available
Flammability	: Not available
Explosive limits	: Not applicable
Lower explosion limit	: Not applicable
Upper explosion limit	: Not applicable
Flash point	: Not applicable
Auto-ignition temperature	: Not applicable
Decomposition temperature	: 140 °C
pH	: 7 – 7.5 (aqueous solution)
pH solution	: Not available
Solubility	: Water: 2 g/l
Partition coefficient n-octanol/water (Log Kow)	: Not available
Vapour pressure	: Not available
Vapour pressure at 50°C	: Not available
Density	: Not available
Relative density	: Not available
Relative vapour density at 20°C	: Not applicable
Particle size	: Not available
Particle size distribution	: Not available
Particle shape	: Not available
Particle aspect ratio	: Not available
Particle aggregation state	: Not available
Particle agglomeration state	: Not available
Particle specific surface area	: Not available
Particle dustiness	: Not available

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available.

9.2.2. Other safety characteristics

No additional information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

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

10.2. Chemical stability

Stable under normal conditions of use. Slow phase transformation of calcium sulphate dehydrate towards hemihydrate can begin at temperatures above 40°C, therefore the use of plasterboard products in locations subject to temperatures above 40°C is not recommended.

10.3. Possibility of hazardous reactions

No additional information available.

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10.4. Conditions to avoid

No additional information available.

10.5. Incompatible materials

No additional information available.

10.6. Hazardous decomposition products

Hydrogen sulphide may be evolved where calcium sulphate is exposed to sulphur-reducing bacteria and water under anaerobic conditions.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Calcium carbonate (1317-65-3)

LD50 oral rat	> 5000 mg/kg
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Skin corrosion/irritation : Not classified
pH: 7 – 7.5 (aqueous solution)
Serious eye damage/irritation : Not classified
pH: 7 – 7.5 (aqueous solution)
Respiratory or skin sensitisation : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Not classified
Reproductive toxicity : Not classified
STOT-single exposure : Not classified
STOT-repeated exposure : Not classified
Aspiration hazard : Not classified

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

11.2.2 Other information

Other information : As these products are mainly made of mineral raw materials, they may contain traces of crystalline silica. Mechanical action (eg cutting, sanding, drilling etc) will release dust which may contain respirable crystalline silica particles.
Inhalation of high concentrations of dust may irritate the airways. Dust may also cause irritation of the eyes and/or skin.
Inhalation of dust containing crystalline silica, in particular the fine respirable size fraction, in high concentrations or over prolonged periods can lead to lung disease (silicosis) and an increased risk of lung cancer. The latter is concluded by IARC on the basis of observations in industries with heavily exposed populations, such as mining, pottery and foundries.

SECTION 12: Ecological information

12.1. Toxicity

Hazardous to the aquatic environment, short-term (acute) : Not classified

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Hazardous to the aquatic environment, long-term (chronic) : Not classified
Not rapidly degradable

Calcium carbonate (1317-65-3)	
LC50 - Fish [1]	> 10000 mg/l
EC50 - Crustacea [1]	> 1000 mg/l

12.2. Persistence and degradability

No additional information available.

12.3. Bioaccumulative potential

No additional information available.

12.4. Mobility in soil

No additional information available.

12.5. Results of PBT and vPvB assessment

No additional information available.

12.6. Endocrine disrupting properties

No additional information available.

12.7. Other adverse effects

No additional information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product/Packaging disposal recommendations : Waste plasterboard is classified as non-inert and non hazardous and must be segregated from other materials at source for treatment. All listed products are recyclable and waste product should be consigned to authorised recycling facilities in accordance with current Waste and Environmental Permitting Regulations. Landfill disposal is not permitted except in monocell sites licensed for plasterboard disposal by the national regulator. Bearers are accepted for wood recycling in preference to landfill disposal. Authorised reprocessors will typically divert this grade of wood for energy recovery to meet the growing demand for biomass fuels.

SECTION 14: Transport information

In accordance with ADR / IMDG / IATA / ADN / RID

14.1. UN number or ID number

UN-No. (ADR) : Not regulated.
UN-No. (IMDG) : Not regulated.
UN-No. (IATA) : Not regulated.
UN-No. (ADN) : Not regulated.
UN-No. (RID) : Not regulated.

14.2. UN proper shipping name

Proper Shipping Name (ADR) : Not regulated.
Proper Shipping Name (IMDG) : Not regulated.

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Proper Shipping Name (IATA)	: Not regulated.
Proper Shipping Name (ADN)	: Not regulated.
Proper Shipping Name (RID)	: Not regulated.

14.3. Transport hazard class(es)

ADR
Transport hazard class(es) (ADR) : Not regulated.

IMDG
Transport hazard class(es) (IMDG) : Not regulated.

IATA
Transport hazard class(es) (IATA) : Not regulated.

ADN
Transport hazard class(es) (ADN) : Not regulated.

RID
Transport hazard class(es) (RID) : Not regulated.

14.4. Packing group

Packing group (ADR)	: Not regulated.
Packing group (IMDG)	: Not regulated.
Packing group (IATA)	: Not regulated.
Packing group (ADN)	: Not regulated.
Packing group (RID)	: Not regulated.

14.5. Environmental hazards

Dangerous for the environment	: No
Marine pollutant	: No
Other information	: No supplementary information available

14.6. Special precautions for user

Overland transport

Not regulated.

Transport by sea

Not regulated.

Air transport

Not regulated.

Inland waterway transport

Not regulated.

Rail transport

Not regulated.

14.7. Maritime transport in bulk according to IMO instruments

IBC code	: Not applicable.
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SECTION 15: Regulatory information

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

15.1.1. EU-Regulations

Contains no substance on the REACH candidate list.

Contains no substance(s) listed on the PIC list (Regulation EU 649/2012 concerning the export and import of hazardous chemicals)

Contains no substance subject to Regulation (EU) No 2019/1021 of the European Parliament and of the Council of 20 June 2019 on persistent organic pollutants.

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15.1.2. National regulations

United Kingdom

British National Regulations

: As the products contain substances for which Workplace Exposure Limits (WELs) have been set in the HSE EH40 Workplace Exposure Limits publication, a workplace risk assessment must be carried out by the user under the COSHH Regulations 2005 (Control of Substances Hazardous to Health).

15.2. Chemical safety assessment

No additional information available.

SECTION 16: Other information

Indication of changes:	
Changed item	Date / version
first Siniat Issue	24.01.2013 / v1.0
section 2 & 3 reversed; Addition of revision history	21.08.2014 / v1.1
REACH & CLP references added, replacing CHIP; crystalline silica information added to sections 8 and 11	02.04.2015 / v2.0
Contact email, opening hours and enquiryline references amended	30.09.2015 / v2.1
Creason & Frame board references added to sections 1 & 9	11.03.2022 / v3.0
new SDS layout; all sections revised	06.07.2023 / v4.0

Other information : These products are only intended for use as defined within current Siniat Literature.

Safety information applicable for regions : GB

DISCLAIMER OF LIABILITY

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.