

SECTION 1 Identification of the article and of the company/undertaking
1.1 Product identifier
Trade name: Densglass

Identification of the product: Gypsum (calcium sulfate, dihydrate) and vermiculite

Type of product: Article

1.2 Relevant identified uses of the substance, mixture or article and uses advised against
Use: Sheathing Board

1.3 Details of the supplier of the safety data sheet
Supplier: Unit 25-26 Rosevale Road
 Parkhouse Industrial Estate West
 Newcastle under Lyme
 Staffordshire
 ST5 7EF
 United Kingdom

0800 612 4662

info@rcmltd.biz
1.4 Emergency telephone number

0800 612 4662

SECTION 2 Hazards identification
2.1 Classification of the substance or mixture
Classification EC 67/548 or EC 1999/45: This product is not hazardous in the form in which it is shipped by the manufacturer but may become hazardous by downstream activities such as cutting, sanding, or otherwise working with this product that generate large amount of dusts.

Hazard class and category code regulation EC 1272/2008 (CLP): This product is not hazardous in the form in which it is shipped by the manufacturer but may become hazardous by downstream activities such as cutting, sanding, or otherwise working with this product that generate large amount of dusts.

2.2 Label elements
Labelling regulation (EC) 67/548 or EC 1999/45: Not applicable

Labelling regulation (EC) 1272/2008 (CLP): Not applicable

2.3 Other hazards

 Those hazards associated with large amount of dusts are described below.
 Physical hazards - Not classified.
 Health hazards - Category 2B Eye irritation
 Environmental hazards - Not classified.
 OSHA defined hazards - Not classified.

SECTION 3 Composition/information on ingredients
Components: Gypsum (calcium sulfate, dihydrate) and vermiculite contain naturally occurring crystalline silica (quartz) which is listed as a lung carcinogen.

Substance Name	CAS No	EC No	Contents by Weight %	Index Number (REGULATION (EC) No 1272/2008)	Classification (REGULATION (EC) No 1272/2008)	Classification (Other)
CALCIUM SULFATE DIHYDRATE	No further information available	No further information available	<95	No further information available	No further information available	See Section 8 for exposure information.
VERMICULITE	available	available	0 - 7	available	available	*The weight percent for crystalline

SECTION 4 First aid measures
4.1 Description of first aid measures
Inhalation: If dust from the material is inhaled, remove the affected person immediately to fresh air. Call a physician if symptoms develop or persist.

Skin contact: wash immediately with soap and water. Get medical attention if irritation develops and persists.

Eye contact: Do not rub the eyes. Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion: Rinse mouth. May result in obstruction and irritation if ingested. Get medical attention. Most important symptoms/effects, acute and delayed

4.2 Most important symptoms and effects, both acute and delayed

 Irritation of eyes. Exposed individuals may experience eye tearing, redness, and discomfort.
 Indication of immediate medical attention and special treatment needed

4.3 Indication of any immediate medical attention and special treatment needed

 Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
 General information
 Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

SECTION 5 Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Unsuitable extinguishing media
None known.

5.2 Special hazards arising from the substance or mixture

During fire, gases hazardous to health may be formed.

5.3 Advice for fire-fighters

Flammable class: No unusual fire or explosion hazards noted

Protection against fire: Firefighters should wear full protective clothing including self-contained breathing apparatus
Use standard firefighting procedures and consider the hazards of other involved materials.

SECTION 6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Avoid inhalation of dust from the spilled material. Use a BS EN approved respirator if there is a risk of exposure to dust/fume at levels exceeding the exposure limits
Keep unnecessary personnel away.

6.2 Environmental precautions

Environmental precautions: Keep out of drains, sewers, ditches, and waterways.

6.3 Methods and material for containment and cleaning up

Methods and material for containment: Minimize dust generation. Sweep up or gather material and place in an appropriate container for disposal.

Clean up methods: Utilize wet methods, if appropriate, to minimize dust. For waste disposal.

6.4 Reference to other sections

see section 8 & 13 for further guidance.

SECTION 7 Handling and storage

7.1 Precautions for safe handling

Personal protection: Wear appropriate BS EN approved dust mask or filtering facepiece if dust is generated.
Do not eat or drink while using the product.
Wash hands before eating, drinking, or smoking.

Technical protective measures: Provide appropriate exhaust ventilation at places where dust is formed.
Minimize dust generation and accumulation.
Do not breathe dust.
Do not get this material in contact with eyes.
Do not taste or swallow.
Avoid prolonged exposure.
Observe good industrial hygiene practices.
Use only in well-ventilated areas.

7.2 Conditions for safe storage, including any incompatibilities

Storage: Store level and keep dry.
Dewpoint or other conditions causing the presence of moisture can damage the product during storage.
Store away from incompatible materials

7.3 Specific end use(s)

No further relevant information available

SECTION 8 Exposure controls/personal protection

8.1 Control parameters

Occupational/workplace exposure limits: Gypsum, total inhalable 10 mg/m³
Gypsum, respirable 4 mg/m³
Limestone, total inhalable 10 mg/m³
Limestone, respirable 4 mg/m³
Silica, respirable crystalline 0.1 mg/m³
Manmade mineral fibre 5 mg/m³

Control parameters for airborne: Avoid generating dust or keep exposure to dust as low as practicable. Work areas should be cleaned regularly by wet sweeping or vacuuming.

Inhalable: All the above are long term exposure limits, based on eight-hour TWA (time weighted average) period, as listed in HSE EH40 Workplace Exposure Limits, 3rd edition (2018).

Respirable: Occupational exposure to nuisance dust (total and respirable) and respirable crystalline silica should be monitored and controlled.

Testing conducted by Georgia-Pacific did not detect respirable crystalline silica during activities associated with the normal use of this product; however, jobsite air monitoring should be conducted to determine actual exposure when permissible exposure limits may be exceeded

8.2 Occupational exposure controls

8.2.1 General protection controls

Industrial hygiene: Score and snap method recommended.
When using product, provide local and general exhaust ventilation to keep airborne dust concentrations below exposure limits.
Use wet methods, if appropriate, to reduce the generation of dust.
Ventilation should be enough to effectively remove and prevent buildup of any dusts or fumes that may be generated during handling or thermal processing. If engineering measures are not enough to maintain concentrations of dust particulates below the Occupational Exposure Limit (OEL), suitable respiratory protection must be worn.

8.2.2 Individual protection controls

Respiratory protection: A BSEN compliant dust mask or filtering facepiece is recommended in poorly ventilated areas or when permissible exposure limits may be exceeded.
Respirators should be selected by and used under the direction of a trained health and safety

Skin protection: Impervious protective clothing and gloves recommended to prevent drying or irritation of skin.
Safety shower/eye wash fountain is recommended in the workplace area.

Eye protection: Safety glasses or goggles are recommended when using this product.
Eye wash fountain is recommended

Ingestion: 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.
Keep away from food and drink.

SECTION 9 Physical and chemical properties

Appearance: Gypsum Boards
Solid

Colour: Facing colour varies

Odour: Low odour
Odor threshold: Not available.

pH value: 6-8

Melting point/freezing point: Not applicable

Initial boiling point and boiling range: Not applicable

Flash point: Not flammable

Evaporation rate: Not applicable

Flammability: Not applicable

Explosive limits Upper Lower
Not applicable Not applicable

Vapour pressure: Not applicable

Vapour density: Not applicable

Relative density: Not available kg/m³

Solubility in water: 0.2 % @ 22°C

Auto-ignition temperature: Not applicable

Viscosity: Not applicable

Explosive properties: Not applicable

Oxidising properties: Not applicable

9.2 Other Information Specific gravity: 2.2 - 2.4

SECTION 10 Stability and reactivity

10.1 Reactivity

Stability and reactivity: Contact with strong acids produces carbon dioxide.

10.2 Chemical stability

Chemical stability: Material is stable under normal conditions.

10.3 Possibility of hazardous reactions

Hazardous reactions: No dangerous reaction known under conditions of normal use.

Hazardous properties: No dangerous reaction known under conditions of normal use.

10.4 Conditions to avoid

Conditions to avoid: Contact with incompatible materials. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air).

10.5 Incompatible materials

Materials to avoid: Strong acids.

10.6 Hazardous decomposition products

May include and are not limited to calcium oxide and sulphur dioxide.

SECTION 11 Toxicological information

11.1 Information on toxicological effects

Acute toxicity: Inhalation

Skin corrosion/irritation: Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye irritation: Dust in the eyes will cause irritation.

Respiratory or skin sensitisation: Not likely to cause respiratory sensitization. This product is not expected to cause skin sensitization.

Germ cell mutagenicity: Not classified.

Carcinogenicity: Not expected to be hazardous by OSHA/WHMIS criteria.

Reproductive toxicity: Not classified.

Specific target organ toxicity - single exposure: Not classified.

Specific target organ toxicity - repeated exposure: Not classified.

Aspiration hazard: Not classified.

11.2 Additional Information

On product: Testing conducted by Georgia-Pacific did not detect respirable crystalline silica during activities associated with the normal use of this product; however, jobsite air monitoring should be conducted to determine actual exposure when permissible exposure limits may be exceeded.

SECTION 12 Ecological information

12.1 Toxicity

Not considered to be harmful to aquatic life.

12.2 Persistence and degradability

No data is available on the degradability of this product.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Other adverse effects

No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

SECTION 13 Disposal considerations

13.1 Waste treatment methods

Must be segregated from other materials at source for treatment. Its gypsum core is 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.

13.2 General

Product: DensGlass® Sheathing Board is classified as non-inert non-hazardous

Contaminated packaging: Bearers and pallets are accepted for wood recycling in preference to landfill disposal.

SECTION 14 Transport information

14.1 UN number

ADR/RID: DensGlass® Sheathing Board - not classified as hazardous for transport.

IMDG: Not applicable

IATA: Not applicable

14.2 UN proper shipping name

ADR/RID: Not applicable

IMDG: Not applicable

IATA: Not applicable

14.3 Transport hazard class(es)

ADR/RID: Not applicable

IMDG: Not applicable

IATA: Not applicable

14.4 Packaging group

ADR/RID: Not applicable

IMDG: Not applicable

IATA: Not applicable

14.5 Environmental hazards

ADR/RID: Not applicable

IMDG Marine pollutant: Not applicable

IATA: Not applicable

14.6 Special precautions for user

Overland transport: Not applicable

Air transport: Not applicable

Inland waterway transport: Not applicable

Rail transport: Not applicable

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code

Not applicable

SECTION 15 Regulatory information

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

15.1.1 EU-Regulations

DensGlass® Sheathing Board is not classified as hazardous under the EU CLP Regulation (European Regulation EC/1272/2008 on the classification, labelling and packaging of substances and mixtures).

As the product contains substances for which Workplace Exposure Limits (WELs) have been set in the HSE EH40 Workplace Exposure Limits 3rd edition (2018) publication, a workplace risk assessment must be carried out by the user under the COSHH Regulations 2002 (Control of Substances Hazardous to Health).

This product constitutes an article according to the definitions contained within the EU REACH Regulation (European Regulation EC/1907/2006 on the Registration Evaluation Authorisation and Restriction of Chemicals).

This product constitutes a treated article under the EU Biocidal Products Regulation (EC/528/2012).

15.1.2 National regulations

No further relevant information available.

15.2 Chemical safety assessment

No further relevant information available.

Further Information

This HSDS is intended to quickly provide useful information to the user(s) of this material or product. It is not intended to serve as a comprehensive discussion of all possible risks or hazards, and it assumes a reasonable use of the product. The information contained in this HSDS is believed to be accurate as of the date of preparation of this HSDS and has been compiled from sources believed to be reliable. Checks should be undertaken on a regular basis to ensure the current revision is used. It is offered for your consideration, investigation and verification. The user or handler (or their employer) should consider the specific conditions in which this material will be used, handled, or stored and determine what specific safety or other precautions are required. Employers should ensure that their employees, agents, contractors, and customers who will use the product receive adequate warnings and safe handling procedures, including a current HSDS. Product users or handlers (or their employer) who are unsure of what specific precautions are required should consult their employer, product supplier, or safety or health professionals before handling or working with this product. Please notify us immediately if you believe this HSDS or other safety and health information about this product is inaccurate or incomplete.

Georgia Pacific DensGlass® Sheathing is only intended for use as defined within current literature.

This data sheet does not replace the user's own workplace risk assessment. It is not intended for the purposes of precise product specification nor warranty.

All information and instructions provided in this data sheet are based on the current state of scientific, technical and legal knowledge at the date indicated on the present data sheet.

Disclaimer - This document has undergone significant changes and should be reviewed in its entirety

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