

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

1.1. Product identifier

Trade name or designation of the mixture Glass Mat Faced Gypsum Panels

Product list

Product List A

DensArmor Plus® Interior Panel
DensArmor Plus® Fireguard® Abuse-Resistant Panels
DensArmor Plus® Fireguard® Impact-Resistant Panels
DensArmor Plus® Fireguard® Interior Panels
DensDeck® Prime Roof Board
DensDeck® Roof Board
DensDeck® Prime Fireguard® Roof Board
DensDeck® Fireguard® Roof Board
DensDeck® StormX® Prime Roof Board
DensDeck® ProFast
DensElement® Sheathing
DensGlass® Fireguard® Sheathing
DensGlass® Shaftliner
DensGlass® Sheathing
DensShield® Fireguard® Tile Backer
DensShield® Tile Backer
DensDeck® ProFast™ Prime Roof Board

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Product List B

DensArmor Plus® Fireguard C® Interior Panels
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Registration number

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Synonyms

None.

Product code

GP-71C

Issue date

07-09-2025

Version number

02

Revision date

07-29-2025

Supersedes date

07-09-2025

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

Identified uses Products accommodate a wide range of wall, floor, ceiling and roof applications.

Uses advised against None known.

1.3. Details of the supplier of the safety data sheet

Company name Georgia-Pacific Gypsum LLC

Address 133 Peachtree Street, NE

Atlanta, GA 30303

Telephone Technical Information: 800.225.6119

(M)SDS Request: 404.652.5119

E-mail MSDSREQ@GAPAC.com

Emergency phone number Chemtrec - Emergency: 800.424.9300

SECTION 2: Hazards identification

Emergency overview

This product is classified as an article under REACH. Therefore, it is exempt from hazard classification according to Regulation (EC) No. 1272/2008, as amended, and does not require a Safety Data Sheet under Article 31 of Regulation (EC) No. 1907/2006. However, this Voluntary Product Information Statement contains valuable information for the safe handling and proper use of the product. It is recommended to retain the SDS and make it accessible to employees and other individuals utilizing this product.

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 as amended**Hazard summary**

Physical hazards	Not classified for physical hazards.
Health hazards	Not classified for health hazards.
Environmental hazards	Not classified for hazards to the environment.
Specific hazards	Not available.
Main symptoms	Dusts may irritate the respiratory tract, skin and eyes.

2.2. Label elements**Label according to Regulation (EC) No. 1272/2008 as amended**

Contains:	VERMICULITE**
Hazard pictograms	None.
Signal word	None.
Hazard statements	The mixture does not meet the criteria for classification.

Precautionary statements**Prevention**

	Observe good industrial hygiene practices.
P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P264	Wash thoroughly after handling.
P270	Do not eat, drink or smoke when using this product.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

Response

	Wash hands after handling.
P314	Get medical advice/attention if you feel unwell.

Storage

Store away from incompatible materials (see Section 10 of the SDS).

Disposal

P501	Dispose of contents/container in accordance with local/regional/national/international regulations.
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Supplemental label information None.

2.3. Other hazards None known.

SECTION 3: Composition/information on ingredients**3.2. Mixtures****General information**

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
CALCIUM SULFATE DIHYDRATE*	80 - 90	10101-41-4 231-900-3	-	-	#
Classification: Acute Tox. 4;H302, Eye Irrit. 2;H319					
VERMICULITE**	0 - 10	1318-00-9 -	-	-	#
Classification: -					
CONTINUOUS FILAMENT GLASS FIBER	3 - 5	65997-17-3 266-046-0	-	-	
Classification: Skin Irrit. 2;H315, Eye Irrit. 2;H319					
LIMESTONE (CALCIUM CARBONATE)	3 - 5	1317-65-3 215-279-6	-	-	#
Classification: Skin Irrit. 2;H315, Eye Dam. 1;H318					
Kaolin	1 - 3	1332-58-7 310-194-1	-	-	#
Classification: Eye Irrit. 2;H319, STOT RE 2;H373					
Other components below reportable levels	1 - 3				

Composition comments

** Found in products in List B, Section 1 of this SDS.

*Gypsum (calcium sulfate dihydrate) contains naturally occurring crystalline silica as an impurity, generally of the quartz form. As further indicated in Section 11, exposure to respirable crystalline silica from occupational sources is listed by IARC and NTP as a lung carcinogen. Testing conducted by Georgia-Pacific and other gypsum wallboard manufacturers using generally accepted industrial hygiene practices with both personal and area sampling did not detect respirable crystalline silica during activities associated with normal use of this product (i.e., cutting the product by "score and snap", hand saw or rotary saw). However, good ventilation and workplace practices should be used to minimize dust, and industrial hygiene monitoring should be conducted to determine actual exposure when permissible exposure limits may be exceeded. See Section 8 for occupational exposure limits and additional information.

SECTION 4: First aid measures

General information

Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

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

If irritation develops, wash with soap and water. Get medical attention if irritation persists.

Eye contact

Do not rub eyes. Rinse with water. Get medical attention if irritation develops and persists.

Ingestion

May result in obstruction and irritation if ingested. Get medical attention.

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

Dusts may irritate the respiratory tract, skin and eyes.

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

Treat symptomatically.

SECTION 5: Firefighting measures

General fire hazards

No unusual fire or explosion hazards noted.

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 firefighters

Special protective equipment for firefighters

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

Special fire fighting procedures

Firefighters should wear full protective clothing including self contained breathing apparatus.

Specific methods

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

For non-emergency personnel

Wear appropriate personal protective equipment.

For emergency responders

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

6.2. Environmental precautions

Avoid discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Avoid the generation of dusts during clean-up. Collect dust using a vacuum cleaner equipped with HEPA filter. Stop the flow of material, if this is without risk.

Large Spills: Wet down with water and dike for later disposal. Shovel the material into waste container. Following product recovery, flush area with water.

Small Spills: Sweep up or vacuum up spillage and collect in suitable container for disposal. For waste disposal, see section 13 of the SDS. Sweep up or gather material and place in an appropriate container for disposal. Minimize dust generation. Utilize wet methods, if appropriate, to minimize dust.

6.4. Reference to other sections

For personal protection, see section 8 of the SDS. For waste disposal, see section 13 of the SDS.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Practice good housekeeping. Provide appropriate exhaust ventilation at places where dust is formed. Minimise 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. Use only in well-ventilated areas. Wear appropriate NIOSH/MSHA 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.

7.2. Conditions for safe storage, including any incompatibilities

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 (see Section 10 of the SDS).

7.3. Specific end use(s)

Not available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Occupational exposure limits

UK. OELs. Workplace Exposure Limits (WELs) (EH40/2005 (Fourth Edition 2020)), Table 1

Components	Type	Value	Form
CALCIUM SULFATE DIHYDRATE* (CAS 10101-41-4)	TWA	4 mg/m3	Respirable dust.
		10 mg/m3	Inhalable dust.
CRYSTALLINE SILICA (QUARTZ) (CAS 14808-60-7)	TWA	0.1 mg/m3	Respirable.
Kaolin (CAS 1332-58-7)	TWA	2 mg/m3	Respirable dust.
LIMESTONE (CALCIUM CARBONATE) (CAS 1317-65-3)	TWA	4 mg/m3	Respirable.
		4 mg/m3	Respirable dust.
		10 mg/m3	Inhalable dust.
		10 mg/m3	Inhalable
VERMICULITE** (CAS 1318-00-9)	TWA	4 mg/m3	Respirable dust.
		10 mg/m3	Inhalable dust.

Biological limit values

No biological exposure limits noted for the ingredient(s).

Recommended monitoring procedures

Follow standard monitoring procedures.

Derived no effect levels (DNELs)

Not available.

Predicted no effect concentrations (PNECs)

Not available.

Exposure guidelines

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

*Testing conducted by Georgia-Pacific and other gypsum wallboard manufacturers using generally accepted industrial hygiene practices with both personal and area sampling did not detect respirable crystalline silica during activities associated with normal use of this product (i.e., cutting the product by "score and snap", hand saw or rotary saw). However, good ventilation and workplace practices should be used to minimize dust, and industrial hygiene monitoring should be conducted to determine actual exposure when permissible exposure limits may be exceeded.

8.2. Exposure controls

Appropriate engineering controls	Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Ventilation should be sufficient 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 sufficient to maintain concentrations of dust particulates below the OEL (occupational exposure limit), suitable respiratory protection must be worn. Score and snap method recommended.
Individual protection measures, such as personal protective equipment	
General information	Use personal protective equipment as required.
Eye/face protection	Eye wash fountain is recommended. Safety glasses or goggles are recommended when using this product.
Skin protection	
- Hand protection	Protective gloves are recommended.
- Other	Impervious protective clothing and gloves recommended to prevent drying or irritation of skin. Safety shower/eye wash fountain is recommended in the workplace area.
Respiratory protection	When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
Thermal hazards	Not applicable.
Hygiene measures	Keep away from food and drink. 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	Environmental manager must be informed of all major releases.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Appearance	Gypsum boards
Physical state	Solid.
Form	Solid.
Colour	Facing color varies
Odour	Odourless.
Odour threshold	Not available.
pH	7
Melting point/freezing point	1450 °C (2642 °F) estimated / Not applicable.
Initial boiling point and boiling range	Not applicable.
Flash point	Not applicable.
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
Upper/lower flammability or explosive limits	
Explosive limit - lower (%)	Not applicable.
Explosive limit – upper (%)	Not applicable.
Vapour pressure	Not applicable.
Vapour density	Not applicable.
Relative density	Not available.
Solubility(ies)	
Solubility (water)	0.2 % @ 22°C
Partition coefficient (n-octanol/water)	Not applicable.
Auto-ignition temperature	Not applicable.
Decomposition temperature	Not available.
Viscosity	Not applicable.
Explosive properties	Not available.

Oxidising properties Not available.

9.2. Other information

Flash point class Not flammable

Specific gravity > 2.2 - < 2.4

SECTION 10: Stability and reactivity

10.1. Reactivity The product is stable and non-reactive under normal conditions of use, storage and transport.
None known.

10.2. Chemical stability Material is stable under normal conditions.

10.3. Possibility of hazardous reactions No dangerous reaction known under conditions of normal use.

10.4. 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 Acids.

10.6. Hazardous decomposition products May include and are not limited to: calcium oxide and sulfur dioxide.

SECTION 11: Toxicological information

General information Occupational exposure to the substance or mixture may cause adverse effects.

Information on likely routes of exposure

Inhalation Inhalation of dusts may cause respiratory irritation. Prolonged inhalation may be harmful.

Skin contact Dust or powder may irritate the skin. Frequent or prolonged contact may defat and dry the skin, leading to discomfort and dermatitis.

Eye contact Dust generated during processing may cause eye irritation.

Ingestion Not applicable under normal conditions of use. May cause gastrointestinal irritation if ingested.

Symptoms Dusts may irritate the respiratory tract, skin and eyes.

11.1. Information on toxicological effects

Acute toxicity

Components	Species	Test Results
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CALCIUM SULFATE DIHYDRATE* (CAS 10101-41-4)

Acute

Oral

LD50	Rat	> 1581 mg/kg
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Kaolin (CAS 1332-58-7)

Acute

Dermal

LD50	Rat	> 5000 mg/kg
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Oral

LD50	Rat	> 5000 mg/kg
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LIMESTONE (CALCIUM CARBONATE) (CAS 1317-65-3)

Acute

Oral

LD50	Rat	6450 mg/kg
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Skin corrosion/irritation Prolonged skin contact may cause temporary irritation.

Serious eye damage/eye irritation Dust generated during processing may cause eye irritation.

Respiratory sensitisation Not likely to cause respiratory sensitization.

Skin sensitisation This product is not expected to cause skin sensitisation.

Germ cell mutagenicity Not classified.

Carcinogenicity	Exposure to respirable crystalline silica in the form of quartz or cristobalite from occupational sources is listed by IARC and NTP as a lung carcinogen. Prolonged exposure to respirable crystalline silica has been known to cause silicosis, a lung disease, which may be disabling. While there may be a factor of individual susceptibility to a given exposure to a respirable silica dust, the risk of contracting silicosis and the severity of the disease is clearly related to the amount of respirable crystalline silica exposure and the length of time (usually years) of exposure.	
IARC Monographs. Overall Evaluation of Carcinogenicity		
	CRYSTALLINE SILICA (QUARTZ) (CAS 14808-60-7)	1 Carcinogenic to humans.
Reproductive toxicity	Not classified.	
Specific target organ toxicity - single exposure	Not classified.	
Specific target organ toxicity - repeated exposure	Not classified.	
Aspiration hazard	Not classified.	
Mixture versus substance information	No information available.	
Other information	*Testing conducted by Georgia-Pacific and other gypsum wallboard manufacturers using generally accepted industrial hygiene practices with both personal and area sampling did not detect respirable crystalline silica during activities associated with normal use of this product (i.e., cutting the product by “score and snap”, hand saw or rotary saw). However, good ventilation and workplace practices should be used to minimize dust, and industrial hygiene 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.

Product			Species	Test Results
Glass Mat Faced Gypsum Panels				
Aquatic				
Crustacea	EC50	Daphnia	12133.8916 mg/l, 48 hours estimated	
Fish	LC50	Fish	36247.6055 mg/l, 96 hours estimated	
Acute				
Crustacea	EC50	Daphnia	8734.5117 mg/l, 48 hours estimated	
Fish	LC50	Fish	1827.1508 mg/l, 96 hours estimated	
Components			Species	Test Results
CALCIUM SULFATE DIHYDRATE* (CAS 10101-41-4)				
Aquatic				
Acute				
Fish	LC50	Fathead minnow (Pimephales promelas)	> 1970 mg/l, 96 hours	
			> 1970 mg/l, 96 hours	
CONTINUOUS FILAMENT GLASS FIBER (CAS 65997-17-3)				
Aquatic				
Acute				
Fish	LC50	Zebra danio (Danio rerio)	> 1000 mg/l, 96 hours ECHA	
CRYSTALLINE SILICA (QUARTZ) (CAS 14808-60-7)				
Aquatic				
Acute				
Fish	LC50	Zebra danio (Danio rerio)	> 10000 mg/l, 96 Hours OECD SIDS	

12.2. Persistence and degradability No data is available on the degradability of this product.

12.3. Bioaccumulative potential No data available.

Partition coefficient n-octanol/water (log Kow) Not available.

Bioconcentration factor (BCF) Not available.

12.4. Mobility in soil	No data available.
12.5. Results of PBT and vPvB assessment	Not a PBT or vPvB substance or mixture.
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

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). Not applicable.
Contaminated packaging	Not available.
EU waste code	The Waste code should be assigned in discussion between the user, the producer and the waste disposal company.
Disposal methods/information	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Do not allow this material to drain into sewers/water supplies. Under RCRA, it is the responsibility of the user of the product to determine, at the time of disposal, whether the product meets RCRA criteria for hazardous waste. Dispose in accordance with all applicable regulations.
Special precautions	Dispose in accordance with all applicable regulations.

SECTION 14: Transport information

ADR

14.1. - 14.6.: Not regulated as dangerous goods.

RID

14.1. - 14.6.: Not regulated as dangerous goods.

ADN

14.1. - 14.6.: Not regulated as dangerous goods.

IATA

14.1. - 14.6.: Not regulated as dangerous goods.

IMDG

14.1. - 14.6.: Not regulated as dangerous goods.

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

Retained direct EU regulations

Regulation (EC) No. 1005/2009 on substances that deplete the ozone layer, Annex I and II, as amended

Not listed.

Regulation (EU) 2019/1021 On persistent organic pollutants (recast), as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 1 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 2 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex I, Part 3 as amended

Not listed.

Regulation (EU) No. 649/2012 concerning the export and import of dangerous chemicals, Annex V as amended

Not listed.

Regulation (EC) No. 166/2006 Annex II Pollutant Release and Transfer Registry, as amended

CALCIUM SULFATE DIHYDRATE* (CAS 10101-41-4)

LIMESTONE (CALCIUM CARBONATE) (CAS 1317-65-3)

Regulation (EC) No. 1907/2006, REACH Article 59(10) Candidate List as currently published by ECHA

Not listed.

Authorisations

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorization, as amended

Not listed.

Restrictions on use

Regulation (EC) No. 1907/2006, REACH Annex XVII Substances subject to restriction on marketing and use, as amended - Conditions of restriction given for the associated entry number should be considered

CONTINUOUS FILAMENT GLASS FIBER (CAS 65997-17-3)

Other regulations

Follow national regulation for work with chemical agents. Young people under 18 years old are not allowed to work with this product according to EU Directive 94/33/EC on the protection of young people at work.

15.2. Chemical safety assessment

Not available.

SECTION 16: Other information

List of abbreviations

Not available.

References

Not available.

Information on evaluation method leading to the classification of mixture

The classification for health and environmental hazards is derived by a combination of calculation methods and test data, if available.

Full text of any statements, which are not written out in full under sections 2 to 15

H302 Harmful if swallowed.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H373 May cause damage to organs through prolonged or repeated exposure by inhalation.
H373 May cause damage to organs through prolonged or repeated exposure.

Revision information

Product and Company Identification: Product Codes
SECTION 2: Hazards identification: Emergency overview
Composition / Information on Ingredients: Disclosure Overrides
SECTION 8: Exposure controls/personal protection: Eye/face protection
SECTION 8: Exposure controls/personal protection: - Hand protection
Regulatory Information: United States
GHS: Classification

Training information

Follow training instructions when handling this material.

Issued by

Georgia-Pacific LLC
404.652.5119

Disclaimer

This SDS 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 SDS is believed to be accurate as of the date of preparation of this SDS and has been compiled from sources believed to be reliable. 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 SDS. 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 SDS or other safety and health information about this product is inaccurate or incomplete.