

1. Identification

Product identifier	STANDARD PLASTERBOARD
Other means of identification	
Synonyms	MINI8, StandardShield, UltraLight
Recommended use	Board to be used as ceiling or wall partitions
Recommended restrictions	Use in accordance with manufacturer's recommendations.
Manufacturer/Importer/Supplier/Distributor information	
Distributor / Supplier	Knauf Vietnam Company Limited
Address	Hai Phong Factory: Plot CN4.4A, Dinh Vu Industrial Zone, Dong Hai 2 Ward, Hai An District of Dinh Vu - Cat Hai Economic Zone, Hai Phong City, Vietnam Ho Chi Minh Factory: Plot B3a, Hiep Phuoc Industrial Zone, Hiep Phuoc Ward, Nha Be Dist., Ho Chi Minh City, Vietnam
Telephone	+84 90 699 74 59

2. Hazard(s) identification

Physical hazards	Not classified.
Health hazards	Not classified.
Environmental hazards	Not classified.
Label elements	
Hazard symbol	None.
Signal word	None.
Hazard statement	None.
Precautionary statement	
Prevention	Observe good industrial hygiene practices.
Response	Get medical attention/advice if you feel unwell.
Storage	Store as indicated in Section 7.
Disposal	Dispose of waste and residues in accordance with local authority requirements.
Other hazards which do not result in classification	None known.
Supplemental information	None.

3. Composition/information on ingredients

Mixtures

Chemical name	Common name and synonyms	CAS-No. / EC No.	%
Calcium sulfate dihydrate (alternative CAS 10101-41-4)		13397-24-5 231-900-3	92 - 95
Cellulose		65996-61-4 265-995-8	6 - 6.5
Crystalline silica (Quartz)		14808-60-7 238-878-4	< 0.2

Composition comments	All concentrations are in percent by weight. Respirable crystalline silica measured <0.1% (according to the NEN-EN 17289-3 method).
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4. First-aid measures

Inhalation	Dust irritates the respiratory system, and may cause coughing and difficulties in breathing. If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention if symptoms persist.
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Skin contact	Contact with dust: Rinse area with plenty of water. Get medical attention if irritation develops or persists.
Eye contact	Dust in the eyes: Flush thoroughly with water. If irritation occurs, get medical assistance.
Ingestion	Rinse mouth. Get medical attention if symptoms occur.
Most important symptoms/effects, acute and delayed	Under normal conditions of intended use, this material does not pose a risk to health. Dust may irritate throat and respiratory system and cause coughing.
Indication of immediate medical attention and special treatment needed	Provide general supportive measures and treat symptomatically.
General information	Ensure that medical personnel are aware of the material(s) involved.
5. Fire-fighting measures	
Suitable extinguishing media	Use fire-extinguishing media appropriate for surrounding materials.
Unsuitable extinguishing media	Not applicable.
Specific hazards arising from the chemical	Not a fire hazard.
Special protective equipment and precautions for firefighters	Selection of respiratory protection for fire fighting: follow the general fire precautions indicated in the workplace. Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
Fire fighting equipment/instructions	Use standard firefighting procedures and consider the hazards of other involved materials.
Specific methods	Cool material exposed to heat with water spray and remove it if no risk is involved.
6. Accidental release measures	
Personal precautions, protective equipment and emergency procedures	Avoid dust formation. See Section 8 of the SDS for Personal Protective Equipment.
Methods and materials for containment and cleaning up	No specific clean-up procedure noted. For waste disposal, see Section 13 of the SDS.
Environmental precautions	Avoid discharge to drains, sewers, and other water systems.
7. Handling and storage	
Precautions for safe handling	Use work methods which minimize dust production. Avoid inhalation of dust and contact with skin and eyes. Wear appropriate personal protective equipment. Wash hands after handling. Observe good industrial hygiene practices. When moving board with a forklift or similar equipment, it is essential that the equipment be rated capable of handling the loads. The forks should always be long enough to extend completely through the width of the load. Fork spacing between supports should be one half the length of the panels or base being handled so that a maximum of 4' extends beyond the supports on either end.
Conditions for safe storage, including any incompatibilities	Follow traditional building practices; such as management of water away from the interior of the structure to avoid the growth of mold, mildew and fungus. Remove any building products suspected of being exposed to sustained moisture and considered conducive to mold growth from the job site. Gypsum panels are very heavy, awkward loads posing the risk of severe back injury. Use proper lifting techniques. Store in a cool, dry, well-ventilated place. Store away from incompatible materials. Protect product from physical damage. Protect from weather and prevent exposure to sustained moisture. Gypsum Association literature (GA-801-07) recommends storing board flat to avoid damaging edges, warping the board and the potential safety hazards of the board falling over. However, in other situations, storing the board flat may cause a tripping hazard or exceed floor limit loads. If stacking board vertically, leave at least 4 inches from the wall to decrease the risk of falling board and no more than 6 inches to avoid too much lateral weight against the wall.

8. Exposure controls/personal protection

Occupational exposure limits

Ministry of Health Decision No. 3733-2002-QD-BYT, Section 21, Table 1, as amended

Components	Type	Value
Calcium sulfate dihydrate (alternative CAS 10101-41-4) (CAS 13397-24-5)	TWA	6 mg/m ³

US. ACGIH Threshold Limit Values (TLV)			
Components	Type	Value	Form
Calcium sulfate dihydrate (alternative CAS 10101-41-4) (CAS 13397-24-5)	TWA	10 mg/m3	Inhalable fraction.
Crystalline silica (Quartz) (CAS 14808-60-7)	TWA	0.025 mg/m3	Respirable fraction.
Biological limit values	No biological exposure limits noted for the ingredient(s).		
Appropriate engineering controls	Provide sufficient ventilation for operations causing dust formation. Observe occupational exposure limits and minimize the risk of exposure.		
Individual protection measures, such as personal protective equipment			
Eye/face protection	Wear approved safety goggles.		
Skin protection			
Hand protection	It is a good industrial hygiene practice to minimize skin contact. For prolonged or repeated skin contact use suitable protective gloves.		
Other	Normal work clothing (long sleeved shirts and long pants) is recommended.		
Respiratory protection	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.		
Thermal hazards	None.		
General hygiene considerations	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. Observe any medical surveillance requirements.		
9. Physical and chemical properties			
Appearance	Paper faced with gypsum core.		
Physical state	Solid.		
Form	Panel.		
Color	Gray to off-white.		
Odor	Low to no odor.		
Odor threshold	Not applicable.		
pH	6 - 8		
Melting point/freezing point	Not applicable.		
Initial boiling point and boiling range	Not applicable.		
Flash point	Not applicable.		
Evaporation rate	Not applicable.		
Flammability (solid, gas)	Not applicable.		
Upper/lower flammability or explosive limits			
Explosive limit - lower (%)	Not applicable.		
Explosive limit - upper (%)	Not applicable.		
Vapor pressure	Not applicable.		
Vapor density	Not applicable.		
Relative density	2.32 (Gypsum)		
Solubility(ies)			
Solubility (water)	Soluble (0.26 g/100 g H2O)		
Partition coefficient (n-octanol/water)	Not applicable.		
Auto-ignition temperature	Not applicable.		
Decomposition temperature	2650 °F (1454.4 °C) (Core)		
Viscosity	Not applicable.		
Other information			
Bulk density	550 - 650 kg/m³		
Explosive properties	Not explosive.		
Oxidizing properties	Not oxidizing.		
Particle size	Varies.		

10. Stability and reactivity

Reactivity	The product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to avoid	Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents. Strong acids.
Hazardous decomposition products	In case of fire: Calcium oxides, carbon dioxide, and carbon monoxide.

11. Toxicological information

Information on likely routes of exposure

Inhalation	Dust may irritate respiratory system. 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 may irritate the eyes.
Ingestion	May cause discomfort if swallowed.

Symptoms related to the physical, chemical and toxicological characteristics	Dusts may irritate the respiratory tract, skin and eyes.
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Information on toxicological effects

Acute toxicity	Not expected to be acutely toxic.
Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.
Serious eye damage/eye irritation	Direct contact with eyes may cause temporary irritation.

Respiratory or skin sensitization

Respiratory sensitization	Not a respiratory sensitizer.
Skin sensitization	This product is not expected to cause skin sensitization.

Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
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Carcinogenicity	This product is not expected to increase the risk of cancer. Repeated and prolonged exposures to high levels of respirable crystalline silica may cause cancer. Occupational exposure to respirable dust and respirable crystalline silica should be monitored and controlled.
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ACGIH Carcinogens

Crystalline silica (Quartz) (CAS 14808-60-7)	A2 Suspected human carcinogen.
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IARC Monographs. Overall Evaluation of Carcinogenicity

Crystalline silica (Quartz) (CAS 14808-60-7)	1 Carcinogenic to humans.
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US NTP Report on Carcinogens: Known carcinogen

Crystalline silica (Quartz) (CAS 14808-60-7)	Known To Be Human Carcinogen.
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Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.
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Specific target organ toxicity - single exposure	Not classified.
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Specific target organ toxicity - repeated exposure	Not classified.
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Aspiration hazard	Due to the physical form of the product it is not an aspiration hazard.
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Chronic effects	Prolonged and repeated overexposure to dust can lead to pneumoconiosis. For detailed information, see section 16.
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Further information	Pre-existing skin and respiratory conditions including dermatitis, asthma and chronic lung disease might be aggravated by exposure.
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12. Ecological information

Ecotoxicity	The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.
Persistence and degradability	The product is not readily biodegradable.
Bioaccumulative potential	No data available for this product.
Mobility in soil	Expected to have low mobility in soil.

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.

13. Disposal considerations

Disposal instructions Dispose in accordance with applicable federal, state, and local regulations. Recycle responsibly.

Local disposal regulations Dispose of in accordance with local regulations.

Waste from residues / unused products Dispose in accordance with local regulations.

Contaminated packaging Dispose of in accordance with local regulations.

14. Transport information

IATA

Not regulated as dangerous goods.

IMDG

Not regulated as dangerous goods.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

15. Regulatory information

National regulations For quantity, date of manufacture, expiry date and origin of goods, see the shipping label.

Banned Chemicals (Decree 113/2017/ND-CP, Annex III, 9 October 2017), as amended

Not listed.

Chemicals Subject to Conditional Production & Trading Requirements ((Decree 113/2017/ND-CP, Annex I, 9 October 2017), as amended

Not listed.

Chemicals That Must Be Declared (Decree 113/2017/ND-CP, Annex V, 9 October 2017), as amended

Not regulated.

CWC (Decree 38/2014/ND-CP, Mgmt. of chemicals under the Convention on the Prohibition of the Devel., Prod., Stockpiling, Use and Destruction of Chemical Weapons, Sched. 1-3, May 6, 2014), as amended

Not regulated.

Drug Precursors (Decree 82/2013/ND-CP on Promulgating List of Narcotics, Psychotropic Substances and Precursors, List IV, amended by Decree 126/2015/ND-CP, 9 December 2015), as amended

Not regulated.

Hazardous Chemicals Prevention, Response Plans & Safety Requirements (Decree 113/2017/ND-CP, Annex IV, Table 1, 9 October 2017), as amended

Not listed.

Ozone Depleting Substances (ODS) (Joint Circular No. 14/2005/TTLT-BTM-BTNMT of July 11, 2005), as amended

Not regulated.

Restricted Chemicals (Decree 113/2017/ND-CP, Annex II, 9 October 2017), as amended

Not listed.

International regulations

Stockholm Convention

Not applicable.

Rotterdam Convention

Not applicable.

Montreal Protocol

Not applicable.

Kyoto Protocol

Not applicable.

Basel Convention

Not applicable.

International Inventories

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Industrial Chemicals (AICIS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No

Country(s) or region	Inventory name	On inventory (yes/no)*
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	Yes
Taiwan	Taiwan Chemical Substance Inventory (TCSI)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

*A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)
A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

16. Other information, including date of preparation or last revision

Issue date	21-May-2024
Revision date	-
Version #	01
Further information	This product as sold and under normal conditions of intended use, does not present an inhalation, ingestion or skin hazard. However, individual user processes, (such as sanding, abrasive blasting, etc.) may result in the formation of dust and/or particulate that may present a variety of health hazards.
Disclaimer	KNAUF cannot anticipate all conditions under which this information and its product, or the products of other manufacturers in combination with its product, may be used. It is the user's responsibility to ensure safe conditions for handling, storage and disposal of the product, and to assume liability for loss, injury, damage or expense due to improper use. The information in the sheet was written based on the best knowledge and experience currently available.