

Section 1. Identification of The Material And Supplier

Product Name:	Manufacturer:
Standard Plasterboard	PT Knauf Gypsum Indonesia
Fireshield Plasterboard	Jl. Jendral Ahmad Yani No. 84
Denseshield Plasterboard	Ds. Dawuan Tengah, Cikampek
Moistureshield Plasterboard	Karawang 41373, West Java, Indonesia
Soundshield Plasterboard	Telephone. +62264312678
	Fax. +62264312829

Section 2. Hazard Identification

Not Classified as hazardous according to NOHSC Criteria
 Not classified as dangerous good by the criteria of the ADG Code

Cutting and sanding plasterboard may generate excessive dust.
 Gypsum dust may irritate eyes or sensitive skin, it may irritate the respiratory system.

Section 3. Composition/Information on Ingredients

	Formula	CONC	CAS No
NATURAL GYPSUM	CaSO4.2H2O	>80%	10101-41-4
STARCH	N/A	<10%	9005-25-8
Some Standard plasterboards may contain			
CALCIUM CARBONATE	CaCO3	<5%	1317-65-3
Fireshield, Soundshield, and Denseshield plasterboards contain			
REINFORCED FIBERGLASS	N/A	<5%	6599-17-3
Moistureshield plasterboards contain			
POLYHYDROGEN METHYLSILOXANE	N/A	<1.0%	63148-57-2

Section 4. First Aid Measure

Eye	Flush gently with running water. Seek medical attention if irritation develops.
Inhalation	If exposure occurs leave exposure area immediately. If irritation persists, seek medical attention.
Skin	Rinse skin with running water, then wash with water and soap.
Ingestion	For advice, contact a doctor. Ingestion is considered unlikely due to product form.
Advice to Doctor	The manufacturer recommends treating the patient symptomatically.

Section 5. Fire Fighting Measures

Flammability	Non flammable. No fire or explosion hazard exists
Fire and Explosion	Non flammable. No fire or explosion hazard exists
Extinguishing	Non flammable.
Hazhem Code	Non Allocated.

Section 6. Accidental Release Measures

Spillage	Collect and reuse where possible
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Section 7. Handling & Storage

Handling	Use safe work practice to avoid eye or skin contact and inhalation. Observe good personal hygiene. Prohibit eating, drinking and smoking in contaminated areas. Wash hands before eating. Remove contaminated clothing and protective equipment before entering eating areas.
Storage	Store in cool, dry area

Section 8. Exposure Controls/Personal Protection

Ventilation	Do not inhale dust/ powder. Use with adequate natural ventilation. Where a dust inhalation hazard exist, mechanical extraction ventilation is recommended. Maintain dust levels below the recommended exposure standard.
Exposure	<p>CALSIUM SULFATE DIHYDRATE (10101-41-4) ES-TWA : 10 mg/m3 (Nuisance dust)</p> <p>STARCH (9005-25-8) ES-TWA : 10 mg/m3 (Nuisance dust)</p> <p>CALCIUM CARBONATE (1317-65-3) ES-TWA : 10 mg/m3 (Total Inhalable)</p> <p>QUARTZ (14808-60-7) ES-TWA : 0.3 mg/m3 (Total Inhalable)</p> <p>MAN MADE MINERAL FIBERGLASS (n/a) ES-TWA : 5 mg/m3 (Total Inhalable) The MMMF used in Fireshield, Denseshield, and Soundshield Plasterboards are non respirable.</p>

PPE No personal protective equipment is normally required. When using large quantities or where heavy contamination is likely, wear rubber or PVA gloves and dust-proof goggles. Where an inhalation risk exists, wear a Class P1 (Particulate) Respirator.

Section 9. Physical & Chemical Properties

Appearance	PAPER COVERED SOLID FLAT SHEET, FIRESHIELD AND DENSESHIELD IS A SOLID FLAT SHEET WITH REINFORCED FIBRE GLASS. RECESSED EDGES OR SQUARED EDGES.
Odour	SLIGHT PLASTER ODOUR
pH	NOT RELEVANT
Vapour Pressure	NOT RELEVANT
Vapour Density	NOT AVAILABLE
Boiling Point	NOT RELEVANT
Melting Point	NOT AVAILABLE
Evaporation Rate	NOT RELEVANT
Solubility (water)	0.20%
Specific Gravity	NOT AVAILABLE
% Volatiles	NOT RELEVANT
Flammability	NON FLAMMABLE
Flash Point	NOT RELEVANT
Upper Explosion Limit	NOT RELEVANT
Lower Explosion Limit	NOT RELEVANT
Autoignition	NOT AVAILABLE

Section 10. Stability And Reactivity

Reactivity	No reported incompatibilities
Decomposition	May evolve toxic gases if heated to decomposition products.

Section 11. Toxicological Information

Health Hazard	Low toxicity – low irritant. This product may only present a hazard if boards-panels are sanded, drilled or cut with dust generation. Use safe work practices to avoid dust generation – inhalation. Crystalline silica quartz is classified as a human carcinogen (IARC Group 1), however due to the low concentrations present, adverse health effects are greatly reduced.
Eye	Not applicable. This product may only present a hazard if it is cut, drilled or sanded with dust generation, which may result in irritation and lacrimation.
Inhalation	Not applicable. An inhalation hazard is not anticipated unless this material is cut, drilled or sanded with dust generation, which may result in mucous membrane irritation of the upper respiratory tract with over exposure.
Skin	Low irritant, Prolonged and repeated contact may result in irritation due to mechanical action.

Ingestion Not applicable. Due to product form, ingestion is not considered a potential exposure route.

Toxicity Data CALCIUM CARBONATE (1317-65-3)
LD50 (Ingestion): 6450 mg/kg (rat)

Section 12. Ecological Information

Environment Limited ecotoxicity was available for this product at the time this report was prepared. Ensure appropriate measures are taken to prevent this product from entering the environment.

Section 13. Disposal Consideration

Waste Disposal Reuse where possible or return to manufacturer (the manufacturer may have a method/solution for neutralisation available). Alternatively, absorb with sand or similar and dispose of to an approved landfill site. Contact the manufacturer for additional information.

Section 14. Transport Information

Not classified as hazardous for transport.

Section 15. Regulatory Information

Poison Schedule A poison schedule number has not been allocated to this product using the criteria in the standard for the uniform scheduling of drugs and poisons (SUSDP)

Section 16. Other Information

This information is based on current knowledge and experience. Data describes the product purely in terms of safety requirements and has no significance with regard to properties assurance. Data should neither be modified nor applied to other products.