

Standard Shield
by Knauf Gypsum

SCREENING DATE: 2026-07-17
PUBLISHED DATE: 2026-08-07
EXPIRY DATE: 2029-07-17
PREPARER: Self-Prepared

Health Product
Declaration v3.0
created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 92299979
HPD UNIQUE PRODUCT ID: Not provided.
CLASSIFICATION: 09 29 00 Gypsum Board
PRODUCT TYPE: Ceiling Board (Gypsum Board)
Wallboard (Gypsum Board)

PRODUCT DESCRIPTION: StandardShield is a standard gypsum board designed to provide optimal performance for ceilings and partition in interior. With ease of installation and design flexibility, this product is suitable for various construction and renovation applications. It is an ideal choice for achieving smooth and reliable results in any building project.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Residuals/Impurities Evaluation	For all contents above the threshold, the manufacturer has:
→ Basic Method	→ Not Completed	
Threshold Disclosed Per	Explanation(s) provided :	Characterized
→ Product	Yes	Provided weight and role.
Threshold Level		Screened
→ 1,000 ppm		Provided screening results using HPDC-approved methods.
		Identified
		Provided name and CAS RN or other identifier.

CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

PRODUCT | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY

GREENSCREEN SCORE | HAZARD TYPE

STANDARD SHIELD [CALCIUM SULFATE DIHYDRATE LT-UNK | MAM PULP, CELLULOSE NoGS]

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... None

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Special Conditions applied: [GeologicalMaterial]

This Health Product Declaration (HPD) was completed in accordance with the HPD Standard version 3 and discloses hazards associated with all substances present at or above 1000 parts per million (ppm) in the finished compound product, along with the role and percent weight. This HPD is consistent with the LEEDv4 Building Product Disclosure and Optimization: Material Ingredient and LEEDv5 Building Product Selection and Procurement. This HPD covers the manufacturing facilities for Knauf Indonesia.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

COMPLIANCE See Section 3 for additional listings.

VOC emissions: CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario

LCA: Environmental Product Declaration (EPD) by EPD International AB

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 3.0, available on the HPDC website at: www.hpd-collaborative.org/hpd-3-0-standard

STANDARD SHIELD

PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No
RESIDUALS AND IMPURITIES NOTES: Residuals and impurities in the finished product have not been evaluated. However, we conduct thorough testing on the raw materials used in the production process, including gypsum and other minerals. These tests encompass analyses such as S8 (cyclooctasulfur) and heavy metal content, among others.	
OTHER PRODUCT NOTES: ND	

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-07-16 22:23:52	
%: 92.0000 - 96.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
MAM	GHS - Japan		H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
RESTRICTED LIST	Green Science Policy Institute (GSPI)		GSPI - Six Classes Precautionary List	
			Flame Retardants	
SUBSTANCE NOTES:				

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-07-16 22:24:42	
%: 5.0000 - 7.0000	GreenScreen: NoGS	RC: PostC	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
EXEMPT	European Union / European Commission (EU EC)		EU - REACH Exemptions	
			Exempted from REACH Annex IV listing due to intrinsic safety	
SUBSTANCE NOTES: The paper used in the finished good is made of 100% post-consumer recycled content. The supplier is certified as meeting the requirement of FSC Chain-of-Custody purchasing of FSC Mix pulp, FSC Controlled Wood pulp, Pre-/Post-consumer reclaimed materials, production, and sales of FSC Mix / FSC Recycled papers under percentage system.				

Section 3: Compliance

This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.

VOC EMISSIONS	CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario	
COMPLIANCE TYPE: Third-party certification CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: Eurofins Stats Asia Pacific Pte Ltd COMPLIANCE DETAILS: COMPLIANCE SCOPE: APPLICABLE FACILITIES: Standard Board is manufactured at Knauf Indonesian plants, Cilegon and Gresik. COMPLIANCE URL: https://knauf.com/id-ID COMPLIANCE NOTES:	ISSUE DATE: 2026-01-29	EXPIRY DATE: 2029-01-29
LCA	Environmental Product Declaration (EPD) by EPD International AB	
COMPLIANCE TYPE: Third-party certification CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: Bureau Veritas COMPLIANCE DETAILS: COMPLIANCE SCOPE: APPLICABLE FACILITIES: The Standard Board 12mm EPD is third-party verified and conforms to ISO 14025, EN 15804+A2:2019/AC:2021, and ISO 21930. The product is manufactured in Cilegon and Gresik in Indonesia. COMPLIANCE URL: https://knauf.com/id-ID COMPLIANCE NOTES:	ISSUE DATE: 2026-07-10	EXPIRY DATE: 2031-07-10

Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.

KNAUF COMPOUND

MANUFACTURER (OR GENERIC): **Knauf**

HPD URL: No HPD available

ACCESSORY TYPE: Installation Accessory

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Knauf Cornice Compound 3 in 1 is a gypsum-based compound that has 3 functions as a gypsum board connector, adhesive gypsum-based decorative elements such as cornice profiles and repair functions such as patching holes and closing cracks. This product provides a smooth finish and ensures that the gypsum board joints are crack-free. Ideal for construction and renovation projects that require a smooth crack-free finish.

Section 5: General Notes

This HPD covers the Standard Board gypsum board manufactured at the Knauf plants in Cilegon and Gresik, Indonesia. VOC emissions were tested in accordance with the CDPH Standard.

MANUFACTURER INFORMATION

MANUFACTURER: **Knauf Gypsum**
ADDRESS: **Palma Tower 21st Floor Jl. RA Kartini III-S, Kav.6, Sektor II Pondok Pinang, Kebayoran Lama Jakarta, Jakarta 12310**
COUNTRY: **Indonesia**

WEBSITE: **<https://knauf.com/id-ID>**
CONTACT NAME: **Li Jiaxin**
TITLE: **APAC LCA EPD Manager**
PHONE: **6588695540**
EMAIL: **Jiaxin.Li@knauf.com**

The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY

Hazard Types

AQU Aquatic toxicity	LAN Land toxicity	PHY Physical hazard (flammable or reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive
DEV Developmental toxicity	MUL Multiple	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	NF Not found on Priority Hazard Lists	UNK Unknown
GEN Gene mutation	OZO Ozone depletion	
GLO Global warming	PBT Persistent, bioaccumulative, and toxic	

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-P1 List Translator Possible 1 (Possible Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS No GreenScreen.
BM-U Benchmark Unspecified (due to insufficient data)	

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, www.greenscreenchemicals.org, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

Recycled Types

PreC Pre-consumer recycled content
PostC Post-consumer recycled content
UNK Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms:

GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Inventory Methods:

Nested Method / Material Threshold Substances listed within each material per threshold indicated per material
Nested Method / Product Threshold Substances listed within each material per threshold indicated per product
Basic Method / Product Threshold Substances listed individually per threshold indicated per product

Nano Composed of nano scale particles or nanotechnology
Third Party Verified Verification by independent certifier approved by HPDC
Preparer Third party preparer, if not self-prepared by manufacturer
Applicable facilities Manufacturing sites to which testing applies

The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard is not:

- a method for the assessment of exposure or risk associated with product handling or use,*
- a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.*

Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.

The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.