

HPD UNIQUE IDENTIFIER: 135758704640

CLASSIFICATION: 07 22 00 Roof and Deck Insulation

PRODUCT DESCRIPTION: ROCKWOOL Toprock® DD Plus is a high-density, bitumen-coated insulation board engineered for low-slope roof applications. The board is designed for use as the substrate for torched, hot mopped and mechanically-attached membrane systems. Toprock DD Plus adds fire resistance, improved acoustics, and is dimensionally stable for long-term performance. Rockwool™ is part of Rockwool International A/S, also known as Rockwool Group.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold Level	Residuals/Impurities Evaluation	
☐ Nested Materials Method	☒ 100 ppm	☒ Completed	For all contents above the threshold, the manufacturer has:
☒ Basic Method	☐ 1,000 ppm	☐ Partially Completed	Characterized ☒ Yes ☐ No
	☐ Per GHS SDS	☐ Not Completed	Provided weight and role.
Threshold Disclosed Per	☐ Other	Explanation(s) provided :	Screened ☒ Yes ☐ No
☐ Material		☒ Yes ☐ No	Provided screening results using HPDC-approved methods.
☒ Product			Identified ☐ Yes ☒ No
			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

ROCKWOOL TOPROCK® DD PLUS: STONE WOOL INSULATION, FLAT ROOFING PRODUCTS | STONE WOOL, BIOSOLUBLE LT-UNK BITUMENS, OCCUPATIONAL EXPOSURE TO OXIDIZED BITUMENS AND THEIR EMISSIONS DURING ROOFING LT-1 | CAN | EYE SODA-LIME SILICATE GLASS NoGS SODA LIME LT-UNK | SKI | EYE PHENOL, POLYMER WITH FORMALDEHYDE LT-P1 UREA LT-UNK | EYE SYRUPS, HYDROLYZED STARCH LT-UNK LUBRICATING OILS, USED, RESIDUES LT-P1 | PBT UNDISCLOSED LT-1 | CAN | MUL | | MAM | DEV | REP | SKI]

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

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-1, LT-P1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Special Conditions applied: [GeologicalMaterial]

This product is not considered identified due to the proprietary nature of some chemicals within the product's formulation.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: Not Applicable

LCA: Environmental Product Declaration

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.

Pre-checked for LEED v4.1 Option 1.

Third Party Verified?	PREPARER: Self-Prepared	SCREENING DATE: 2025-05-13
☐ Yes	VERIFIER:	PUBLISHED DATE: 2025-05-13
☒ No	VERIFICATION #:	EXPIRY DATE: 2028-05-13

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 2.3, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-3-standard

ROCKWOOL TOPROCK® DD PLUS: STONE WOOL INSULATION, FLAT ROOFING PRODUCTS

PRODUCT THRESHOLD: 100 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes
RESIDUALS AND IMPURITIES NOTES: Residuals and impurities were considered following standard industry methods.	
OTHER PRODUCT NOTES: This declaration is based on pre-cured breakdown of the material ingredients. A mixture of chemicals called binder is applied on the stone wool fibers to adhere them together. The liquid binder turns into solid after chemicals react during the curing process. Therefore, hazard warnings on the HPD might not be applicable as the physical state of a chemical changes during the curing process.	

STONE WOOL, BIOSOLUBLE				ID: 65997-17-3
HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2025-05-13 10:07:08		
?: 86.0000 - 96.0000	GreenScreen: LT-UNK	RC: PreC	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 V listing due to intrinsic safety		

SUBSTANCE NOTES: Stone wool products produced by ROCKWOOL are continually monitored and are in fulfilment of the CLP regulation Annex VI Note Q conditions (stone wool can also be referenced by the EC Number: 926-099-9). The pre-consumer recycled content comes primarily from recycled slag. The percent by weight of the substance is disclosed as a range to protect proprietary information.

BITUMENS, OCCUPATIONAL EXPOSURE TO OXIDIZED BITUMENS AND THEIR EMISSIONS DURING ROOFING				ID: 64742-93-4
HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2025-05-13 10:07:08		
?: 0.0000 - 10.0000	GreenScreen: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Coating

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
EYE	GHS - Korea	H318 - Causes serious eye damage [Serious eye damage/irritation - Category 1]
CAN	IARC	Group 2A - Agent is probably carcinogenic to humans - inhaled from occupational sources
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES: Forms part of the PLUS coating. The percent by weight of the substance is disclosed as a range to protect proprietary information.		

SODA-LIME SILICATE GLASS				ID: 2446523-50-6
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-05-13 10:07:09	
%: 0.0000 - 10.0000	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Absorbent
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		
SUBSTANCE NOTES:				

SODA LIME				ID: 8006-28-8
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-05-13 10:07:10	
%: 0.0000 - 10.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Absorbent
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
SKI	GHS - New Zealand		Skin corrosion category 1C	
EYE	GHS - New Zealand		Serious eye damage category 1	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES:				

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-05-13 10:07:11	
%: 0.0000 - 5.0000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Binder
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
RESTRICTED LIST	International Living Future Institute (ILFI)		Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective February 1, 2025	
			Red List substances to avoid in Living Building Challenge V4.0 projects	
SUBSTANCE NOTES: Forms part of the binder which adheres the fibres in the final product. The percent by weight of the substance is disclosed as a range to protect proprietary information.				

UREA

ID: 57-13-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-05-13 10:07:11	
%: 0.0000 - 2.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Binder
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
EYE	GHS - New Zealand		Eye irritation category 2	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
RESTRICTED LIST	Green Science Policy Institute (GSPI)		GSPI - Six Classes Precautionary List	
			Antimicrobials	
SUBSTANCE NOTES: Forms part of the binder which adheres the fibres in the final product. The percent by weight of the substance is disclosed as a range to protect proprietary information.				

SYRUPS, HYDROLYZED STARCH

ID: 8029-43-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-05-13 10:07:11	
%: 0.0000 - 2.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Binder
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: Forms part of the binder which adheres the fibres in the final product. The percent by weight of the substance is disclosed as a range to protect proprietary information.

LUBRICATING OILS, USED, RESIDUES

ID: 129893-17-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2025-05-13 10:07:11	
?: 0.0000 - 1.0000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Lubricant
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
PBT	EC - CEPA DSL	Persistent, Bioaccumulative and inherently Toxic (PBiTE) to the Environment (based on aquatic organisms)		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		

SUBSTANCE NOTES: Forms part of the PLUS coating. The percent by weight of the substance is disclosed as a range to protect proprietary information.

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE: Toxnot Chemical Hazard Screening Library			HAZARD SCREENING DATE: 2023-05-01 19:43:40	
?: 0.0000 - 1.0000	GreenScreen: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Dedusting
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
CAN	Australia - GHS	Carcinogenicity		
CAN	EU - Annex VI CMRs	Carcinogenicity		
CAN	EU - GHS (H-Statements)	Carcinogenicity		
CAN	EU - REACH Annex XVII CMRs	Carcinogenicity		
MUL	ChemSec - SIN List	Mult*		
MUL	German FEA - Substances Hazardous to Waters	Mult*		
	EC - CEPA DSL	Persistence		
MUL	EC - CEPA DSL	Mult*		
MAM	Australia - GHS	Acute Mammalian Toxicity		
	EC - CEPA DSL	Bioaccumulation		
DEV	Australia - GHS	Developmental Toxicity		
REP	Australia - GHS	Reproductive Toxicity		
SKI	Australia - GHS	Skin Irritation/Corrosivity		

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: A de-duster oil used to control and reduce dust. The de-duster oil is considered proprietary by the manufacturer. The percent by weight of the substance is disclosed as a range to protect proprietary information.

Section 3: Certifications and 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	Not Applicable	
CERTIFYING PARTY: Self-declared APPLICABLE FACILITIES: Milton, Ontario, Canada; Kearneysville, West Virginia, USA; and Marshall County, Mississippi, USA CERTIFICATE URL:	ISSUE DATE: 2021-05-25 00:00:00 EXPIRY DATE:	CERTIFIER OR LAB: Not Applicable
CERTIFICATION AND COMPLIANCE NOTES: Toprock® DD Plus is intended for use in exterior insulation applications. There is no emissions scenario under the current version of CDPH Standard Method V1.2 (Section 01350/CHPS) for exterior products.		

LCA	Environmental Product Declaration	
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: Milton, Ontario, Canada; Kearneysville, West Virginia, USA; and Marshall County, Mississippi, USA CERTIFICATE URL: https://www.rockwool.com/siteassets/o2-rockwool/documentation/epd/rockwool-stone-wool-environmental-product-declaration-epd.pdf#	ISSUE DATE: 2025-02-24 00:00:00 EXPIRY DATE: 2030-02-24 00:00:00	CERTIFIER OR LAB: UL Environment
CERTIFICATION AND COMPLIANCE NOTES: The reference product for the EPD was Comfortbatt® SS R13. To calculate the product-specific environmental impacts of the products covered by this HPD, use the relevant scaling factor found on page 7 of the EPD (as well as the environmental impacts of the facer, if applicable, which can be found in Appendix A of the EPD). The GWP of non-reference products are also calculated in Appendix B		

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.

No accessories are required for this product.

Section 5: General Notes

This HPD covers the following products: Toprock® DD Plus (2", 2.5") and Toprock® DD Plus (>2.5"). These products have the same compositional chemistry, except at different percent by weights. This variance is limited to 10% or less of the total mass of each product.

MANUFACTURER INFORMATION

MANUFACTURER: **ROCKWOOL Inc.**
ADDRESS: **8024 Esquering Line**
Milton, Ontario L9T 6W3
COUNTRY: **Canada**

WEBSITE: **rockwool.com**
CONTACT NAME: **Alejandra Nieto**
TITLE: **Sustainability Manager**
PHONE: **1-800-265-6878**
EMAIL: **alejandra.nieto@rockwool.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 v2.1 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

