

HPD UNIQUE IDENTIFIER: 344109688843264

HPD UNIQUE PRODUCT ID: Not provided.

CLASSIFICATION: 03 62 00 Non-Shrink Grouting

PRODUCT TYPE: Concrete Grouts, Shrink Resistant

PRODUCT DESCRIPTION: NanoGrout PT-938 is a single-component, cementitious, non-shrink flow grout supplied as a dry powder and designed primarily for non-gaseous post-tensioned cable duct grouting and related precision grouting applications. The formulation consists mainly of Ordinary Portland Cement, supplementary cementitious materials (including GGBFS and microsilica), and low-dosage performance admixtures such as polycarboxylate-based dispersants and stabilisers. When mixed with clean water at site, the product produces a highly flowable, cohesive grout with controlled expansion, low bleeding, and stable rheology. After hardening, PT-938 forms a dense, inorganic, mineral-based matrix that provides high compressive strength, dimensional stability, and long-term durability, while exhibiting negligible volatile organic compound (VOC) content and no intentionally added hazardous substances.

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Residuals/Impurities Evaluation	For all contents above the threshold, the manufacturer has:
→ Nested Materials Method	Completed in 1 of 1 Materials	
Threshold Disclosed Per	Explanation(s) provided for Residuals/Impurities?	Characterized Yes
→ Product	Yes	Provided weight and role. Yes
Threshold Level		Screened Yes
→ 100 ppm		Provided screening results using HPDC-approved methods. Yes
		Identified Yes
		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.

NESTED MATERIAL | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY

GREENSCREEN SCORE | HAZARD TYPE

NANOGROUT PT-938 [PORTLAND CEMENT LT-P1 | CAN | END | MAM | EYE | SKI BLAST FURNACE SLAG LT-UNK SILICA FUME LT-P1 | CAN | MAM 2-PROPENOIC ACID, 2-METHYL-, POLYMERS WITH ET ACRYLATE AND POLYETHYLENE GLYCOL MONOMETHACRYLATE C16-18-ALKYL ETHERS LT-UNK]

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

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

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

This Health Product Declaration (HPD) was completed in accordance with the HPD Standard version 3.0 and discloses hazards associated with all substances present at or above 100 parts per million (ppm) in the finished product, along with the role and percent weight. Therefore, this HPD is consistent with the LEED v4.1 MR Credit Building Product Disclosure and Optimization: Material Ingredient Reporting (Option 1).

PFAS DETAILS:

This product does not contain intentionally added PFAS, but it is unknown if PFAS is contained in materials or substances from suppliers.

Attestation:



2026-02-10

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 - Not tested

Management: ISO 9001:2015 Quality management systems

Management: ISO 14001:2015 - Environmental management systems

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 2.

Pre-checked for LEED v4.1 Option 1.

Pre-checked for LEED v5 Human Health 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

NANOGROUT PT-938 %: 100.0000

PRODUCT THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes MATERIAL TYPE: Geologically Derived Material

RESIDUALS AND IMPURITIES NOTES: CONMIX LTD. worked with the HPDC Approved Preparer to confirm that all residuals and impurities were considered under the preparation of this HPD. This was accomplished by obtaining full formulation disclosure, including residuals and impurities, down to the 100 ppm threshold.

OTHER MATERIAL NOTES: All substances in this material are below the reportable threshold.

PORTLAND CEMENT

ID: 65997-15-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2026-03-17 10:48:05

%: 75.0000 - 85.0000 GreenScreen: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Binder

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
EYE	GHS - Japan	H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]
SKI	GHS - Japan	H314 - Causes severe skin burns and eye damage [Skin corrosion / irritation - Category 1]

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

SUBSTANCE NOTES: Acts as the primary hydraulic binder, reacting with water to form the hardened cementitious matrix. Provides early and long-term strength development and creates an alkaline environment that supports durability and corrosion protection of embedded steel.

BLAST FURNACE SLAG

ID: 65996-69-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2026-03-17 10:48:05

%: 15.0000 - 20.0000GreenScreen: LT-UNKRC: NoneNANO: NoSUBSTANCE ROLE: Tensile strength additive

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: Functions as a supplementary cementitious material that partially replaces Portland cement and contributes to later-age strength development. Improves durability, reduces permeability, and enhances resistance to chemical attack while lowering overall clinker content.

SILICA FUMEID: 69012-64-2

HAZARD DATA SOURCE: Pharos Chemical and Materials LibraryHAZARD SCREENING DATE: 2026-03-17 10:48:06

%: 1.0000 - 5.0000GreenScreen: LT-P1RC: NoneNANO: NoSUBSTANCE ROLE: Structure component

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	GHS - Australia	H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
MAM	GHS - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Serves as an ultra-fine pozzolanic material that fills micro-pores within the cement matrix and reacts with calcium hydroxide. Increases density, improves cohesion, and contributes to higher strength and reduced bleeding.

2-PROPENOIC ACID, 2-METHYL-, POLYMERS WITH ETACRYLATE AND POLYETHYLENE GLYCOLMONOMETHACRYLATE C16-18-ALKYL ETHERSID: 70879-60-6

HAZARD DATA SOURCE: Pharos Chemical and Materials LibraryHAZARD SCREENING DATE: 2026-03-17 10:48:06

%: 0.2000 - 1.0000GreenScreen: LT-UNKRC: NoneNANO: NoSUBSTANCE ROLE: Plasticizer

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

None found

No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Acts as a high-range water-reducing and dispersing agent that improves particle dispersion. Enhances flowability and workability at low water content without negatively affecting strength or stability.



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 - Not tested	
COMPLIANCE TYPE: Self-declaration	ISSUE DATE: 2025-11-05	EXPIRY DATE: No expiration
CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: None		
COMPLIANCE DETAILS:		
COMPLIANCE SCOPE:		
APPLICABLE FACILITIES: UAE		
COMPLIANCE URL:		
COMPLIANCE NOTES:		
MANAGEMENT	ISO 9001:2015 Quality management systems	

COMPLIANCE TYPE: Third-party certification		ISSUE DATE: 2025-10-02	EXPIRY DATE: 2028-10-01
CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: Bureau Veritas			
COMPLIANCE DETAILS:			
COMPLIANCE SCOPE:			
APPLICABLE FACILITIES: 1) Head Office: City Gate Tower, Al Tawuun Area, P.O. Box 5936, Sharjah, United Arab Emirates. Certificate Number: DU006558-001. 2) Warehouse Factory No. 4, Jurf Industrial Zone 3, P.O. Box 88, Ajman, United Arab Emirates. Certificate Number: DU006558-002. 3) Al Quoz, P.O. Box 71285, Dubai, United Arab Emirates. Certificate Number: DU006558-003. 4) Dubai Investment Park 1, P.O. Box 71285, Dubai, United Arab Emirates. Certificate Number: DU006558-004. 5) Industrial Area 12, P.O. Box 5936, Sharjah, United Arab Emirates. Certificate Number: DU006558-005. 6) Dubai Industrial City, P.O. Box 5936, Dubai, United Arab Emirates. Certificate Number: DU006558-006. 7) Zone R, Al Ghail Industrial Zone, NFZ, P.O. Box 88, Ras Al Khaimah, United Arab Emirates. Certificate Number: DU006558-007. 8) Industrial Area 07, P.O. Box 5936, Sharjah, United Arab Emirates. Certificate Number: DU006558-008			
COMPLIANCE URL: https://conmix.com/quality-management			
COMPLIANCE NOTES: 1) Head Office (Sharjah): (a) Design, manufacturing, and supply of Ready Mix Concrete. (b) Manufacturing of Dry Mix Concrete and Mortars. (c) Manufacturing of Cement prepared additives. (d) Manufacturing of construction plaster products. (e) Manufacturing of construction chemicals, Pre Mix Plaster and Paints. (f) Manufacturing of Fire Resistant and Retardant materials. (g) Manufacturing of Wall Coating Materials and Paints. (h) Manufacturing of Glues and prepared adhesives. (i) Coating and treatment of metals. 2) Ajman: (a) Design, manufacturing, and supply of Ready Mix Concrete Coating and Treatment of Metals. 3) Al Quoz: (a) Design, manufacturing, and supply of Ready Mix Concrete. 4) DIP: (a) Design, manufacturing, and supply of Ready Mix Concrete. 5) Industrial Area 12, Sharjah: (a) Design, manufacturing, and supply of Ready Mix Concrete. 6) DIC: (a) Manufacturing of Fire Resistant & Retardant materials. (b) Manufacturing of Construction chemicals, Pre Mix Plaster & Paints. (c) Manufacturing of Wall Coating materials and Paints. 7) Ras Al Khaimah: (a) Manufacturing of Dry Mix Concrete and Mortars. (b) Manufacturing of Construction Plaster Products. (c) Manufacturing of Cement prepared additives. (d) Manufacturing of Glues and prepared adhesives. 8) Industrial Area 07, Sharjah: (a) Manufacturing of construction chemicals.			
MANAGEMENT		ISO 14001:2015 - Environmental management systems	

CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: Bureau Veritas

COMPLIANCE DETAILS:
COMPLIANCE SCOPE:

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CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: Bureau Veritas

COMPLIANCE DETAILS:
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 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

NanoGrout PT-938 is a high-performance, single-component, cementitious precision grout formulated using Ordinary Portland Cement, ground-granulated blast furnace slag (GGBFS), microsilica, and performance-enhancing chemical admixtures. The dry-mix formulation is factory-controlled to ensure

consistent particle grading, flowability, and mechanical performance. The inclusion of supplementary cementitious materials such as GGBFS and microsilica improves packing density, long-term strength development, and durability, while the low-dosage plasticiser enhances workability without increasing water demand. The product is supplied as a ready-to-use powder and requires only the addition of clean water at site, eliminating variability associated with multi-component grouting systems.

When mixed with water at the recommended water-to-powder ratio (maximum 8.5 L per 25 kg bag), NanoGrout PT-938 produces a highly flowable, non-shrink grout suitable for precision applications such as base plates, machinery foundations, anchor bolts, and structural void filling. The grout achieves high early and long-term compressive strength, with excellent dimensional stability and resistance to segregation and bleeding. Typical yield is approximately 16.5 litres per 25 kg bag at a water-to-powder ratio of 0.32, supporting efficient placement and predictable volume control. Once hardened, the grout exhibits dense microstructure and durability characteristics consistent with demanding structural and industrial service conditions.

MANUFACTURER INFORMATION

MANUFACTURER: **CONMIX LTD**
ADDRESS: **9th Floor, The City Gate Tower Opposite Ansar Mall**
Al Khalidiya District, Sharjah 5936
COUNTRY: **United Arab Emirates**

WEBSITE: **www.conmix.com**
CONTACT NAME: **Alfred Bulaya**
TITLE: **QC Engineer**
PHONE: **+971 6 5126325**
EMAIL: **conmix@conmix.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.