

HPD UNIQUE IDENTIFIER: 558298112  
HPD UNIQUE PRODUCT ID: Not provided.  
CLASSIFICATION: 03 54 00 Cast Underlayment  
PRODUCT TYPE: Floor Underlayments, Cementitious  
PRODUCT DESCRIPTION: Cementitious floor screed suitable for filling and leveling of floors to be covered with tiles, marble, granite, etc. It does not contain any lime. Simply mix with water. Recommended for application thickness 3 to 15cm. The product has Environmental Product Declaration (EPD) which is required for the building projects carried out under the internationally recognized Green Building certification systems (LEED, BREEAM etc). Independent VOC emission tests showed very low emission levels, comparable to the limits defined for EMICODE® EC1 PLUS products.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

|                                              |                                                |                                                                         |
|----------------------------------------------|------------------------------------------------|-------------------------------------------------------------------------|
| Inventory Reporting Format<br>→ Basic Method | Residuals/Impurities Evaluation<br>→ Completed | For all contents above the threshold, the manufacturer has:             |
| Threshold Disclosed Per<br>→ Product         | Explanation(s) provided :<br>Yes               | Characterized<br>Provided weight and role. Yes                          |
| Threshold Level<br>→ 100 ppm                 |                                                | Screened<br>Provided screening results using HPDC-approved methods. Yes |
|                                              |                                                | Identified<br>Provided name and CAS RN or other identifier. No          |

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. | Number of Greenscreen BM-4/BM3 contents ... 0<br>Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1<br>Nanomaterial ... No                                                                                                                                                                                                                                                                                                                                                          |
| PRODUCT   MATERIAL OR SUBSTANCE   RESIDUAL OR IMPURITY<br>GREENSCREEN SCORE   HAZARD TYPE<br>GB 30 [ MARBLE DUST PORTLAND CEMENT LT-P1 ] CAN   END   MAM   EYE   SKI UNDISCLOSED NoGS UNDISCLOSED LT-UNK   SKI   EYE   REP   AQU UNDISCLOSED LT-P1   END ]                                                                                      | INVENTORY AND SCREENING NOTES:<br>Special Conditions applied: [GeologicalMaterial]<br><br>All intentionally added ingredients and residuals present at or above 100 ppm (0.01%) in the finished product have been inventoried. The inventory and screening are based on supplier data, SDSs, and internal formulation knowledge. No unknowns are present in the formulation. The screening includes hazard associations per HPD Open Standard guidelines using GHS, GreenScreen, and other referenced lists. |

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

|                                                               |                                                                                                                                                                                             |
|---------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| VOC Content data is not applicable for this product category. | COMPLIANCE See Section 3 for additional listings.<br>VOC emissions: Emicode EC1 PLUS- very low emission<br>LCA: Environmental Product Declaration (EPD) by EPD International AB             |
|                                                               | CONSISTENCY WITH OTHER PROGRAMS<br>Pre-checked for LEED v4 Option 1.<br>Pre-checked for LEED v4 Option 2.<br>Pre-checked for LEED v4.1 Option 1.<br>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](http://www.hpd-collaborative.org/hpd-3-0-standard)

GB 30

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                           |                                                    |          |                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------------------------------------------------|----------|-----------------------|
| PRODUCT THRESHOLD: 100 ppm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                           | RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes |          |                       |
| RESIDUALS AND IMPURITIES NOTES: All known residuals and impurities present at or above the HPD reporting thresholds have been disclosed and assessed. No residuals or impurities of concern, as defined by HPD guidelines, have been identified in the product. Based on current manufacturing knowledge and supplier information, there are no hazardous residuals or impurities expected to be present in the final product.                                                                                                                                                                                                                                                                     |                           |                                                    |          |                       |
| OTHER PRODUCT NOTES:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                           |                                                    |          |                       |
| MARBLE DUST                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                           | ID: Geological Material                            |          |                       |
| HAZARD DATA SOURCE: HPDC Special Conditions Policy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                           |                                                    |          |                       |
| %: 83.0800 - 84.7580                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | GreenScreen: Not Required | RC: None                                           | NANO: No | MATERIAL ROLE: Filler |
| HAZARD TYPE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | AGENCY AND LIST TITLES    |                                                    | WARNINGS |                       |
| Hazard Screening is not applicable to this Special Condition                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                           |                                                    |          |                       |
| INGREDIENT DESCRIPTION AND COMPOSITION: Oxide breakdown : Silicon Dioxide: 0.3% Magnesium Oxide 0.6%, Aluminum Oxide 0.1 %, Ferric Oxide 0.1%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                           |                                                    |          |                       |
| COUNTRY OF ORIGIN: Dionysso Quarry, Greece                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                           |                                                    |          |                       |
| RADIOACTIVE ELEMENTS: According to supplier provided information and/or internal testing, it is determined that no radioactive elements are found in this material.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                           |                                                    |          |                       |
| POTENTIAL PRESENCE OF TOXIC METALS: According to supplier provided information and/or internal testing, it is determined that no toxic metals are found in this material.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                           |                                                    |          |                       |
| MATERIAL CONTENT NOTES: Assumed to be 97% ground natural calcium carbonate (CAS 1317-65-3), based on supplier SDS. No known additives. Fully disclosed. The remaining approximately 3% consists of naturally occurring trace minerals including silica (SiO2), alumina (Al2O3), iron oxide (Fe2O3), magnesium oxide (MgO), and other minor constituents. These trace components are present in low concentrations, are classified as inert or non-hazardous per HPD guidelines, and do not adversely affect the performance or health profile of the product. Their presence reflects typical geological variations and complies with HPD disclosure requirements for naturally sourced materials. |                           |                                                    |          |                       |

PORTLAND CEMENT

ID: 65997-15-1

|                                                           |                    |          |                                           |                        |
|-----------------------------------------------------------|--------------------|----------|-------------------------------------------|------------------------|
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                    |          | HAZARD SCREENING DATE: 2026-06-03 1:41:34 |                        |
| %: 15.8400 - 16.1600                                      | 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:

|                                                                                                            |                      |          |                                                |                             |  |
|------------------------------------------------------------------------------------------------------------|----------------------|----------|------------------------------------------------|-----------------------------|--|
| UNDISCLOSED                                                                                                |                      |          |                                                | ID: Undisclosed             |  |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library                                                  |                      |          | HAZARD SCREENING DATE: 2026-06-03 1:41:34      |                             |  |
| %: 0.0400 - 0.0420                                                                                         | GreenScreen: NoGS    | RC: None | NANO: No                                       | SUBSTANCE ROLE: Plasticizer |  |
| 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: Due to the proprietary nature of this material, its specific composition is not disclosed |                      |          |                                                |                             |  |

|                                                                  |                            |                 |                                                  |                                           |                        |
|------------------------------------------------------------------|----------------------------|-----------------|--------------------------------------------------|-------------------------------------------|------------------------|
| UNDISCLOSED                                                      |                            |                 |                                                  |                                           | ID: <b>Undisclosed</b> |
| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                            |                 | HAZARD SCREENING DATE: <b>2026-06-03 1:41:35</b> |                                           |                        |
| %: <b>0.0100 - 0.0100</b>                                        | GreenScreen: <b>LT-UNK</b> | RC: <b>None</b> | NANO: <b>No</b>                                  | SUBSTANCE ROLE: <b>Viscosity modifier</b> |                        |

| HAZARD TYPE                                                                                                | LIST NAME AND SOURCE | WARNINGS                                                                                        |
|------------------------------------------------------------------------------------------------------------|----------------------|-------------------------------------------------------------------------------------------------|
| SKI                                                                                                        | GHS - New Zealand    | Skin irritation category 2                                                                      |
| EYE                                                                                                        | GHS - New Zealand    | Eye irritation category 2                                                                       |
| SKI                                                                                                        | GHS - Australia      | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                          |
| REP                                                                                                        | GHS - Japan          | H361 - Suspected of damaging fertility or the unborn child [Toxic to reproduction - Category 2] |
| AQU                                                                                                        | GHS - Japan          | H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]        |
| EYE                                                                                                        | GHS - Australia      | H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]               |
| ADDITIONAL LISTINGS                                                                                        | LIST NAME AND SOURCE | NOTIFICATION                                                                                    |
| None found                                                                                                 |                      | No listings found on Additional Hazard Lists                                                    |
| SUBSTANCE NOTES: Due to the proprietary nature of this material, its specific composition is not disclosed |                      |                                                                                                 |

|                                                                                                            |                                       |                                              |                                           |                                    |
|------------------------------------------------------------------------------------------------------------|---------------------------------------|----------------------------------------------|-------------------------------------------|------------------------------------|
| UNDISCLOSED                                                                                                |                                       |                                              |                                           | ID: Undisclosed                    |
| HAZARD DATA SOURCE: Pharos Chemical and Materials Library                                                  |                                       |                                              | HAZARD SCREENING DATE: 2026-06-03 1:41:35 |                                    |
| %: 0.0090 - 0.0100                                                                                         | GreenScreen: LT-P1                    | RC: None                                     | NANO: No                                  | SUBSTANCE ROLE: Viscosity modifier |
| HAZARD TYPE                                                                                                | LIST NAME AND SOURCE                  | WARNINGS                                     |                                           |                                    |
| END                                                                                                        | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor                |                                           |                                    |
| ADDITIONAL LISTINGS                                                                                        | LIST NAME AND SOURCE                  | NOTIFICATION                                 |                                           |                                    |
| None found                                                                                                 |                                       | No listings found on Additional Hazard Lists |                                           |                                    |
| SUBSTANCE NOTES: Due to the proprietary nature of this material, its specific composition is not disclosed |                                       |                                              |                                           |                                    |

### 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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Emicode EC1 PLUS- very low emission                             |                                |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|--------------------------------|
| <b>COMPLIANCE TYPE:</b> Third-party certification<br><b>CERTIFIER/VERIFIER/TESTING LAB/AUDITOR:</b> DANAK<br><b>COMPLIANCE DETAILS:</b><br><b>COMPLIANCE SCOPE:</b> Product<br><b>APPLICABLE FACILITIES:</b> Facility - Production Site and Headquarters: 1 km of provincial road Markopoulo - Oropos, Polydendri, 190 11, Greece<br><b>COMPLIANCE URL:</b> <a href="https://www.nordia.gr/certificates/">https://www.nordia.gr/certificates/</a><br><b>COMPLIANCE NOTES:</b>                                      | <b>ISSUE DATE:</b> 2025-11-10                                   | <b>EXPIRY DATE:</b> 2030-11-09 |
| LCA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Environmental Product Declaration (EPD) by EPD International AB |                                |
| <b>COMPLIANCE TYPE:</b> Third-party certification<br><b>CERTIFIER/VERIFIER/TESTING LAB/AUDITOR:</b> Business Quality Verification P.C.<br><b>COMPLIANCE DETAILS:</b><br><b>COMPLIANCE SCOPE:</b><br><b>APPLICABLE FACILITIES:</b> Facility - Production Site and Headquarters: 1 km of provincial road Markopoulo - Oropos, Polydendri, 190 11, Greece<br><b>COMPLIANCE URL:</b> <a href="https://www.environdec.com/library/epd11336">https://www.environdec.com/library/epd11336</a><br><b>COMPLIANCE NOTES:</b> | <b>ISSUE DATE:</b> 2024-02-08                                   | <b>EXPIRY DATE:</b> 2029-02-07 |

### 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

The product is supplied as a dry powder and requires only the addition of clean water at the job site. No other additives, admixtures, or accessories are required for standard use. This HPD represents a single product formulation. The product is EMICODE EC1 PLUS certified and has a published and valid EPD.

**MANUFACTURER INFORMATION**

MANUFACTURER: **NORDIA S.A.**  
 ADDRESS: **1st km of provincial road Markopoulos-Oropos**  
**Athens, Polydendri 19014**  
 COUNTRY: **Greece**

WEBSITE: **www.nordia.gr**  
 CONTACT NAME: **Harris Tsoukalas**  
 TITLE: **Chemical Engineer**  
 PHONE: **2295022225**  
 EMAIL: **htsoukalas@nordia.gr**

*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**

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

**GreenScreen (GS)**

|                                                                     |                                                                |
|---------------------------------------------------------------------|----------------------------------------------------------------|
| <b>BM-4</b> Benchmark 4 (prefer-safer chemical)                     | <b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1) |
| <b>BM-3</b> Benchmark 3 (use but still opportunity for improvement) | <b>LT-1</b> List Translator 1 (Likely Benchmark-1)             |
| <b>BM-2</b> Benchmark 2 (use but search for safer substitutes)      | <b>LT-UNK</b> List Translator Benchmark Unknown                |
| <b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)          | <b>NoGS</b> No GreenScreen.                                    |
| <b>BM-U</b> 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](http://www.greenscreenchemicals.org), and Best Practices for Hazard Screening on the HPDC website ([hpd-collaborative.org](http://hpd-collaborative.org)).

**Recycled Types**

|                                                     |
|-----------------------------------------------------|
| <b>PreC</b> Pre-consumer recycled content           |
| <b>PostC</b> Post-consumer recycled content         |
| <b>UNK</b> Inclusion of recycled content is unknown |
| <b>None</b> Does not include recycled content       |

**Other Terms:**

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

**Inventory Methods:**

|                                           |                                                                             |
|-------------------------------------------|-----------------------------------------------------------------------------|
| <b>Nested Method / Material Threshold</b> | Substances listed within each material per threshold indicated per material |
| <b>Nested Method / Product Threshold</b>  | Substances listed within each material per threshold indicated per product  |
| <b>Basic Method / Product Threshold</b>   | Substances listed individually per threshold indicated per product          |

|                              |                                                            |
|------------------------------|------------------------------------------------------------|
| <b>Nano</b>                  | Composed of nano scale particles or nanotechnology         |
| <b>Third Party Verified</b>  | Verification by independent certifier approved by HPDC     |
| <b>Preparer</b>              | Third party preparer, if not self-prepared by manufacturer |
| <b>Applicable facilities</b> | 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.*