

CLASSIFICATION: 09 62 00

PRODUCT DESCRIPTION: ARDEX PANDOMO® CF1™ IS A SELF-DRYING, SELF-LEVELING, NO TROWELING TOPPING FOR FAST-TRACK RESURFACING, SMOOTHING OR LEVELING OF INDOOR CONCRETE. FORMULATED WITH A BLEND OF PORTLAND AND OTHER HYDRAULIC CEMENTS, ALONG WITH SPECIAL RE-DISPERSIBLE POWDERED POLYMERS AND SELECTED SAND AGGREGATES, ARDEX PANDOMO CF1 CAN BE INSTALLED FROM 1/4" TO 1" (6 TO 24 MM) IN ONE OPERATION, HARDENS QUICKLY AND CAN BE LIGHTLY WALKED ON IN AS LITTLE AS 2 TO 3 HOURS. USE ARDEX PANDOMO CF1 FOR PRODUCING HIGH-END, CREATIVELY DESIGNED WEAR SURFACES OF ARDEX PANDOMO FLOOR AND FLOORPLUS IN COMMERCIAL AREAS SUCH AS RETAIL STORES, SHOPS, HOTELS, CAFÉS AND VESTIBULES, OR EVEN FOR LIGHT INDUSTRIAL USE.

## Section 1: Summary

### CONTENT INVENTORY

- Threshold per material
- 100 ppm
  - 1,000 ppm
  - Per GHS SDS
  - Per OSHA MSDS
  - Other

Residuals and impurities considered in 6 of 6 materials

- see Section 2: Material Notes
- see Section 5: General Notes

Based on the selected Content Inventory Threshold:

Characterized.....	<input checked="" type="radio"/>	<input type="radio"/>
Are the Percent Weight and Role provided for all substances?	Yes	No
Screened.....	<input checked="" type="radio"/>	<input type="radio"/>
Are all substances screened using Priority Hazard Lists with results disclosed?	Yes	No
Identified.....	<input checked="" type="radio"/>	<input type="radio"/>
Are all substances disclosed by Name (Specific or Generic) and Identifier?	Yes	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.

**MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY**  
**GREENSCREEN SCORE | HAZARD TYPE**

SAND [ QUARTZ **LT-1** | CAN ] LIMESTONE [ LIMESTONE; CALCIUM CARBONATE **LT-UNK** QUARTZ **LT-1** | CAN ] CALCIUM ALUMINATE CEMENT [ HIGH-ALUMINA CEMENT **LT-UNK** ] CALCIUM SULFATE [ CALCIUM SULFATE, 1\_2-HYDRATE, POWDER **LT-UNK** ] VINYL ACETATE COPOLYMER [ ETHYLENE VINYL ACETATE POLYMER (EVA) **LT-UNK** ] PORTLAND CEMENT [ PORTLAND CEMENT **LT-UNK** | CAN ]

Number of Greenscreen BM-4/BM3 contents..... 0  
Contents highest concern GreenScreen Benchmark or List translator Score..... LT-1  
Nanomaterial..... No

### INVENTORY AND SCREENING NOTES:

### VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

### CERTIFICATIONS AND COMPLIANCE

No certifications have been added to this HPD.

Self-Published\*    VERIFIER:    SCREENING DATE: February 13, 2017    EXPIRY DATE\*: February 13, 2020  
 Third Party Verified    VERIFICATION #:    RELEASE DATE: February 13, 2017    \* or within 3 months of significant change in product contents  
\*See HPDC website for details



## Section 2: Content in Descending Order of Quantity

This section lists materials in a product and the substances in each material based on the Inventory Threshold for each material. If residuals or impurities from the manufacturing or extraction processes are considered for a material, these are inventoried and characterized to the extent described in the Material and/or General Notes. Chemical substances are screened against the HPD Priority Hazard Lists for human and environmental health impacts. Screening is based on best available information; "Not Found" does not necessarily mean there is no potential hazard associated with the product or its contents. More information about Priority Hazard Lists and the GreenScreen can be found online: [www.hpd-collaborative.org](http://www.hpd-collaborative.org) and [www.greenscreenchemicals.org](http://www.greenscreenchemicals.org).

### SAND

HPD URL: %: 30.0000 - 60.0000

Inventory Threshold: Per GHS SDS

Residuals Considered: Yes

Material Notes: The exact percentages of the ingredients have been withheld as trade secrets.

#### QUARTZ

ID: 14808-60-7

%: 100.0000 - 100.0000

GS: LT-1

RC: None

NANO: NO

ROLE: Filler

#### HAZARDS:

#### AGENCY(IES) WITH WARNINGS:

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER

CA EPA - Prop 65

Carcinogen - specific to chemical form or exposure route

CANCER

IARC

Group 1: Agent is carcinogenic to humans - inhaled from occupational sources

CANCER

US NIH - Report on Carcinogens

Known to be Human Carcinogen (respirable size - occupational setting)

CANCER

MAK

Carcinogen Group 1 - Substances that cause cancer in man

SUBSTANCE NOTES:

### LIMESTONE

HPD URL: %: 10.0000 - 30.0000

Inventory Threshold: Per GHS SDS Residuals Considered: Yes

Material Notes:

#### LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

%: 99.9000 - 100.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Filler

#### HAZARDS:

#### AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

#### QUARTZ

ID: 14808-60-7

%: Impurity/Residual

GS: LT-1

RC: None

NANO: NO

ROLE: Impurity/Residual

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 1: Agent is carcinogenic to humans - inhaled from occupational sources
CANCER	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man

SUBSTANCE NOTES: Crystalline silica (Quartz) is not intentionally added in this ingredient, but is a naturally occurring component in limestone (Calcium Carbonate).

**CALCIUM ALUMINATE CEMENT** %: 10.0000 - 30.0000 HPD URL:

Inventory Threshold: Per GHS SDS Residuals Considered: Yes

Material Notes:

**HIGH-ALUMINA CEMENT**

ID: 65997-16-2

%: 100.0000 GS: LT-UNK RC: None NANO: NO ROLE: Binder

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES:

**CALCIUM SULFATE** %: 5.0000 - 10.0000 HPD URL:

Inventory Threshold: Per GHS SDS Residuals Considered: Yes

Material Notes:

**CALCIUM SULFATE, 1\_2-HYDRATE, POWDER**

ID: 7778-18-9

%: 100.0000 GS: LT-UNK RC: None NANO: NO ROLE: Binder

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found No warnings found on HPD Priority lists

SUBSTANCE NOTES:

**VINYL ACETATE COPOLYMER** %: 1.0000 - 5.0000 HPD URL:

Inventory Threshold: Per GHS SDS Residuals Considered: Yes

Material Notes:

ETHYLENE VINYL ACETATE POLYMER (EVA)

ID: 24937-78-8

%: 100.0000 GS: LT-UNK RC: None NANO: NO ROLE: Modifier

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

PORTLAND CEMENT

HPD URL: %: 1.0000 - 5.0000

Inventory Threshold: Per GHS SDS Residuals Considered: Yes

Material Notes:

PORTLAND CEMENT

ID: 65997-15-1

%: 100.0000 GS: LT-UNK RC: None NANO: NO ROLE: Binder

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

MAK

Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES:

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.

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.

POTABLE WATER

HPD URL: No HPD link provided

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Mix each bag with clean water in accordance with the technical data sheet.

Section 5: General Notes

ARDEX PANDOMO CF1 is formulated with a blend of Portland and other hydraulic cements, along with special re-dispersible powdered polymers and selected sand aggregates. All known hazardous materials (as identified in accordance with OSHA and WHIMIS standards) are reported in this document, and additional information on these ingredients can be found in the respective GHS formatted Safety Data Sheet. Please note that this document does not account for any additional colorants or sealants.



## MANUFACTURER INFORMATION

MANUFACTURER: ARDEX Engineered Cements

CONTACT NAME: Steven Newbrough

ADDRESS: 400 Ardex Park Drive  
Aliquippa, PA 15001  
USA

TITLE: Environmental Programs Specialist

PHONE: 724-407-0926

WEBSITE: www.ardexamericas.com

EMAIL: steven.newbrough@ardexamericas.com

## KEY

**OSHA MSDS** Occupational Safety and Health Administration Material Safety Data Sheet

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

### Hazard Types

**AQU** Aquatic toxicity

**GLO** Global warming

**PHY** Physical Hazard (reactive)

**CAN** Cancer

**MAM** Mammalian/systemic/organ toxicity

**REP** Reproductive toxicity

**DEV** Developmental toxicity

**MUL** Multiple hazards

**RES** Respiratory sensitization

**END** Endocrine activity

**NEU** Neurotoxicity

**SKI** Skin sensitization/irritation/corrosivity

**EYE** Eye irritation/corrosivity

**OZO** Ozone depletion

**LAN** Land Toxicity

**GEN** Gene mutation

**PBT** Persistent Bioaccumulative Toxic

**NF** Not found on Priority Hazard Lists

### GreenScreen (GS)

**BM-4** Benchmark 4 (prefer-safer chemical)

**LT-P1** List Translator Possible Benchmark 1

**BM-3** Benchmark 3 (use but still opportunity for improvement) BM-2  
Benchmark 2 (use but search for safer substitutes)

**LT-1** List Translator Likely Benchmark 1

**BM-1** Benchmark 1 (avoid - chemical of high concern)

**LT-UNK** List Translator Benchmark Unknown (insufficient  
information from List Translator lists to benchmark)

**BM-U** Benchmark Unspecified (insufficient data to benchmark)

**UNK** Unknown (no data on List Translator Lists)

### Recycled Types

**PreC** Preconsumer (Post-Industrial)

**PostC** Postconsumer

**Both** Both Preconsumer and Postconsumer

**Unk** Inclusion of recycled content is unknown

**None** Does not include recycled content

### Other

**Nano** Composed of nanoscale particles or nanotechnology

### Declaration Level

**Self-declared** Manufacturer's self-declaration (First Party)

**Independent Lab** Manufacturer's self-declaration using results from an independent lab

**Second Party** Verification by trade association or other interested party

**Third Party** Verification by independent certifier

**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 does not provide an assessment of health impacts throughout the product life cycle. It does not provide an assessment of exposure or risk associated with product handling or use. It also does not address potential health impacts of: (i) substances used or created during the manufacturing process unless they remain in the final product, or (ii) substances created after the product is delivered for end use (e.g., if the product burns, degrades, or otherwise changes chemical composition).

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

A disclosure completed in compliance with the HPD Open Standard is referred to as a "Health Product Declaration," or "HPD." 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 Open Standard noted.