

Name

ARDEX X 5

Product ID

70012491

Classification

09 30 00.00 Finishes: Tiling

Website

www.ardexamericas.com/en-us/Products/tilestone/Pages/X5.aspx

Manufacturer

Ardex Engineered Cements

Contact Name

Steven Newbrough

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Title

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Description

The ideal everyday solution for the installation of large format tiles. A highly versatile, polymer modified mortar with an easy to apply creamy consistency ideal for setting all sizes of porcelain, ceramic, quarry, mosaic and most natural stone tile over common interior surfaces and exterior concrete and masonry surfaces.

ADEX X5™ is also ideal for the setting of decoupling mats such as ARDEX UI 720™ and ARDEX UI 740™.

Release Date

2016-03-11

☒ Self-declared

Expiry Date

2019-03-11

☐ Second Party

Certifier

HPD URL

<https://builder.hpd-collaborative.org/uploads/files/hpds/83/4174-20160311164627.pdf>

☐ Third Party

Certificate #

SUMMARY DISCLOSURE

The content of this product was assessed for health hazard warnings as required using Pharos

Residuals Disclosure

☐ Measured 100 ppm (ideal)
☐ Measured 1000 ppm
☐ Predicted by process chemistry
☒ As per MSDS (1,000 & 10,000 ppm)
☐ Not disclosed
☐ Other

Full Disclosure of Intentional Ingredients

☐ Yes ☒ No

Full Disclosure of Known Hazards

☒ Yes ☐ No

Disclosure Notes

The information presented in this HPD is reported as per the latest GHS formatted Safety Data Sheet (SDS) available for this product.

Contents in Descending Order of Quantity
QUARTZ , PORTLAND CEMENT , Silica fume , ETHYLENE VINYL ACETATE POLYMER (EVA) , CALCIUM DIFORMATE

Hazards

☐ PBT (Persistent Bioaccumulative Toxic)
☒ Cancer
☐ Gene Mutation

☐ Development
☐ Reproductive
☐ Endocrine
☐ Respiratory

Highest concern GreenScreen score - List Translator Benchmark 1

☐ Neurotoxicity
☐ Mammal
☐ Skin or Eye
☐ Aquatic toxicity

☐ Land toxicity
☐ Physical hazard
☐ Global warming
☐ Ozone depletion

☐ Multiple
☐ Unknown

Total VOC Content

Material (g/L)

N/A

Regulatory (g/L)

N/A

Does the product contain exempt VOCs?

☒ N/A ☐ Yes ☐ No

Are there VOC-free tints available?

☒ N/A ☐ Yes ☐ No

Notes

Certifications + Compliance

VOC Emissions

Not tested

VOC Content

N/A

The HPD Standard is solely a declaration of product content and direct health hazards associated with exposure to its individual contents. It is not a full assessment of environmental impacts from the life cycle of this product. It is not an assessment of risks associated with actual use of the product. It does not address the potential health impacts of substances used or created during manufacture that do not appear in the final product as residuals, nor substances created during combustion or other degradation processes.

This Health Product Declaration was generated following the requirements of the noted Standard version and is valid for a total of three years after date of issue or three months after a substantive change of product contents occurs. Users should verify that this Health Product Declaration is compliant with the most current version of the HPD Standard. Accuracy of claims made in this Health Product Declaration is the sole responsibility of the listed manufacturer and certifier (if applicable). The HPD Collaborative does not warrant any claim made herein, explicit or implicit. The HPD Standard is an “open standard” developed and managed by the HPD Collaborative, a nonprofit organization. For more information, visit hpdcollaborative.org.

CONTENT IN DESCENDING ORDER OF QUANTITY

All ingredients must be assessed for health warnings against Priority Hazard Lists, regardless of disclosure level. Priority Hazard Lists and information on the GreenScreen Benchmarks can be found at www.hpdcollaborative.org/hazardlists.
GS: GreenScreen Benchmark; **RC:** Recycled Content, **PC:** Post Consumer, **PI:** Post Industrial (Pre-consumer), **BO:** Both; **Nano:** comprised of nanoscale particles or nanotechnology

Name	CAS RN	% weight	GS	RC	Nano	Role
Hazard A	Warning A					
Hazard B	Warning B					
Hazard C	Warning C					
Hazard D	Warning D					
Hazard E	Warning E					
Notes						
QUARTZ	14808-60-7	30 - 60 %	LT-1	N	N	Filler
CANCER	IARC: Group 1: Agent is carcinogenic to humans - inhaled from occupational sources (also in NIOSH-C, MAK, NTP-RoC, Prop 65)					
The exact percentages of the ingredients have been withheld by the manufacturer as trade secrets.						
PORTLAND CEMENT	65997-15-1	30 - 60 %	LT-U	N	N	Binder
CANCER	MAK: Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification					
The exact percentages of the ingredients have been withheld by the manufacturer as trade secrets.						
Silica fume	69012-64-2	1 - 5 %	LT-U	U	N	Modifier
None found	No warnings found on HPD Priority lists					
ETHYLENE VINYL ACETATE POLYMER (EVA)	24937-78-8	1 - 5 %	LT-U	N	N	Modifier
None found	No warnings found on HPD Priority lists					
CALCIUM DIFORMATE	544-17-2	1 - 5 %	LT-U	N	N	Catalyst
None found	No warnings found on HPD Priority lists					

CERTIFICATIONS AND COMPLIANCE

Certifying Party = First: Manufacturer's self-declaration; Second: Verification by trade association or other interested party; Third: Verification by independent certifier (ideal).

Applicable facilities = Manufacturing sites to which testing applies.

Type	Standard or Certification			Certifier or Laboratory
	Certifying Party	Issue Date	Expiry Date	Certificate URL
	Applicable Facilities			
	Notes			
VOC Emissions	Not tested			
VOC Content	N/A			
Recycled Content	Not tested			
Other				

ACCESSORY MATERIALS

This section is for additional products required by warranty or recommended by the manufacturer for installation (such as adhesives, fasteners, or factory coatings) or for maintenance, cleaning, or operations. Refer to Health Product Declarations, published separately, for a complete view of these products.
Note: This declaration is not intended to address hazards of the installation process.

Required or Recommended Product	URL for Companion Health Product Declaration
Condition when required or recommended and/or other notes	
Potable Water (VOC 0.00 g/L)	
This product mixes with potable water for every installation. No additional additives are necessary for the use of ARDEX X 5.	

NOTES

A user is subjected to the ingredients of this product only during the mixing process, as it is only at this time that dust from the material may become airborne and inhaled. Inhalation may be prevented by the use of a NIOSH approved respiratory mask. After the product is mixed with water and permitted to cure, the ingredients are bound in the product and are not expected to become airborne under normal conditions of use.