

Name

ARDEX MC RAPID HARDENER

Product ID

50036690

Classification

07 26 00.00 Thermal and Moisture Protection (insulation water barrier): Vapor Retarders

Website

www.ardexamericas.com

Manufacturer Address

Ardex Engineered Cements
400 Ardex Park Drive
Aliquippa, PA 15001

Contact Name

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Title

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1.0

Health Product
DECLARATION

Description

The ARDEX MC™ RAPID MOISTURE CONTROL SYSTEM is a one-coat, 100% solids epoxy moisture management system formulated to suppress excessive moisture vapor emissions in new or existing concrete prior to installing an ARDEX underlayment with flooring. It is especially suited to treat areas of new concrete in critical installations, such as health care and institutional applications where the construction schedule does not allow adequate drying of the concrete. ARDEX MC RAPID is also recommended over existing concrete where the level of moisture emissions from the slab exceeds the maximum allowed by the manufacturer of the finished floor covering.

Release Date

2015-05-01

Expiry Date

2018-05-01

HPD URL

<https://tool.hpdcollaborative.org/uploads/files/hpds/83/2487-20150501144139.pdf>

☒ Self-declared

☐ Second Party

☐ Third Party

Certifier

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

Contents in Descending Order of Quantity

M-XYLENE-ALPHA,ALPHA'-DIAMINE , BUTYLPHEN , TRIMETHYLHEXAMETHYLENEDIAMINE , 2,4,6-TRI(DIMETHYLAMINOMETHYL)PHENOL , BENZYL ALCOHOL , 3-Aminopropyldimethylamine

Hazards

☐ PBT (Persistent Bioaccumulative Toxic)

☐ Cancer

☐ Gene Mutation

☐ Development

☐ Reproductive

☒ Endocrine

☐ Respiratory

Highest concern GreenScreen score - List Translator Possible 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)

19.90

Regulatory (g/L)

19.90

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

Not tested

Health Product Declaration v1.0 - hpdcollaborative.org - Page 1 of 4

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						
M-XYLENE-ALPHA,ALPHA'-DIAMINE	1477-55-0	30 - 60 %	LT-P1	U	U	Hardener
SKIN SENSITIZE	MAK: Sensitizing Substance Sh - Danger of skin sensitization					
MULTIPLE	VwVwS: Class 2 Hazard to Waters					
The exact percentages of the ingredients have been withheld by the manufacturer as trade secrets.						
BUTYLPHEN	98-54-4	30 - 60 %	LT-P1	U	U	Hardener
ENDOCRINE	EU ED: Category 2 - In vitro evidence of biological activity related to endocrine disruption (also in OSPAR, SIN, TEDX)					
SKIN SENSITIZE	MAK: Sensitizing Substance Sh - Danger of skin sensitization					
MULTIPLE	VwVwS: Class 2 Hazard to Waters					
The exact percentages of the ingredients have been withheld by the manufacturer as trade secrets.						
TRIMETHYLHEXAMETHYLENEDIAMINE	25620-58-0	11 - 30 %	LT-P1	U	U	Hardener
MULTIPLE	VwVwS: Class 2 Hazard to Waters					
2,4,6-TRI(DIMETHYLAMINOMETHYL)PHENOL	90-72-2	1 - 5 %	LT-U	U	U	Hardener
MAMMALIAN	EU R-Phrases: R22: Harmful if swallowed.					
EYE IRRITATION	EU R-Phrases: R36: Irritating to eyes. (also in EU H-Statements)					
SKIN IRRITATION	EU R-Phrases: R38: Irritating to skin. (also in EU H-Statements)					

BENZYL ALCOHOL	100-51-6	1 - 5 %	LT-U	U	U	Hardener
MAMMALIAN	EU R-Phrases: R22: Harmful if swallowed.					
3-Aminopropyldimethylamine	109-55-7	0.1 - 1 %	LT-U	U	U	Hardener
MAMMALIAN	EU R-Phrases: R22: Harmful if swallowed.					
SKIN IRRITATION	EU H-Statements: H317 May cause an allergic skin reaction (also in EU R-Phrases)					
SKIN SENSITIZE	EU R-Phrases: R43: May cause sensitization by skin contact.					

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	N/A			
VOC Content	Not tested			
Recycled Content	Not tested			
		2013-11-25	2016-11-25	www.ardexamericas.com/en-us/Documents/MSDS_En_MCRAPIDPartBHardener.pdf
	All Ardex manufacturing facilities.			

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	
ARDEX MC RAPID RESIN (VOC 19.90 g/L)	https://tool.hpdcollaborative.org/uploads/files/hpds/83/2484-20150501143413.pdf
Mix and apply ARDEX MC RAPID HARDENER with ARDEX MC RAPID RESIN in accordance with the technical data sheet.	

NOTES