

Name

ARDEX ARDIFIX

Product ID

12918

Website

www.ardexamericas.com

Classification

Manufacturer

Address

Ardex Engineered Cements

400 Ardex Park Drive

Aliquippa, PA 15001

Contact Name

Title

Phone

Email

Steven Newbrough

Technical Dept.

724-407-0926

Steven.Newbrough@ardexamericas.com

1.0

Health Product

DECLARATION

Description

ARDEX ARDIFIX™ is a two-part polyurethane repair compound for cracks, control joints, spalls and pop-outs on interior or exterior applications. It is ideally suited to seal off cracks and saw-cuts prior to the installation of ARDEX MC™ Moisture Control Systems, Underlayments and Toppings. ARDEX ArdIFix is ultra fast setting allowing the installation to proceed within minutes of application. ARDEX ArdIFix is 100% solids for no shrinkage and cures to a rigid hardness. It also has a wide service temperature range of 0°F to 110°F (-17 to 43°C), making it suitable for applications from freezers to warehouses.

Release Date

2016-05-05

Expiry Date

2019-05-05

HPD URL

<https://builder.hpd-collaborative.org/uploads/files/hpds/83/4289-20160505114416.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

The ingredient information provided combines both ARDIFIX PART A - Isocyanate and ARDIFIX PART B - Polyol.

Contents in Descending Order of Quantity

POLYMERIC MDI (PMDI) , 2,2,4-trimethyl-1,3-pentanediol diisobutyrate , 2,2,4-trimethyl-1,3-pentanediol diisobutyrate , 1,1',1",1'''-(ETHANEDIYLNITRILO)TETRAKIS(2-PROPANOL) , METHYLENE BISPHENYL DIISOCYANATE (PURE MDI) , POLYPROPYLENE TRIOL , 1,4-BUTANEDIOL

Hazards

☐ PBT (Persistent Bioaccumulative Toxic)

☒ Cancer

☐ Gene Mutation

☐ Development

☐ Reproductive

☐ Endocrine

☒ Respiratory

Highest concern GreenScreen score - List Translator Unspecified

☐ Neurotoxicity

☒ Mammal

☒ Skin or Eye

☐ Aquatic toxicity

☐ Land toxicity

☐ Physical hazard

☐ Global warming

☐ Ozone depletion

☒ Multiple

☐ Unknown

Total VOC Content

Material (g/L)

Regulatory (g/L)

0.00

0.00

Does the product contain exempt VOCs?

Are there VOC-free tints available?

☐ N/A

☒ N/A

☐ Yes

☐ Yes

☒ No

☐ No

Notes

Certifications + Compliance

VOC Emissions

Not tested

VOC Content

Not tested

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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						
POLYMERIC MDI (PMDI)	9016-87-9	30 - 50 %	LT-U	N	N	Binder
CANCER	MAK: Carcinogen Group 4 - Non genotoxic carcinogen with low risk under MAK/BAT levels					
RESPIRATORY	MAK: Sensitizing Substance Sah - Danger of airway & skin sensitization (also in EPA Action)					
MULTIPLE	EPA Action: EPA Chemical of Concern - Action Plan published					
This is a chemical component of ARDEX ARDIFIX PART A - Isocyanate. The exact percentages of the ingredients are withheld as trade secrets.						
2,2,4-trimethyl-1,3-pentanediol diisobutyrate	6846-50-0	30 - 50 %	LT-U	N	N	Plasticizer
None found	No warnings found on HPD Priority lists					
This is a chemical component of ARDEX ARDIFIX PART B - Polyol. The exact percentages of the ingredients have been withheld as trade secrets.						
2,2,4-trimethyl-1,3-pentanediol diisobutyrate	6846-50-0	20 - 40 %	LT-U	N	N	Plasticizer
None found	No warnings found on HPD Priority lists					
This is a chemical component of ARDEX ARDIFIX PART A - Isocyanate. The exact percentages of the ingredients are withheld as trade secrets.						
1,1',1'',1'''-(ETHANEDIYLNITRILO)TETRAKIS(2-PROPANOL)	102-60-3	15 - 30 %		N	N	Modifier
None found	No warnings found on HPD Priority lists					
This is a chemical component of ARDEX ARDIFIX PART B - Polyol.						
METHYLENE BISPHENYL DIISOCYANATE (PURE MDI)	101-68-8	10 - 20 %	LT-U	N	N	Binder
CANCER	EU R-Phrases: R40: Limited evidence of a carcinogenic effect (also in EU H-Statements, MAK)					

RESPIRATORY	AOEC: Asthmagen (AG) - generally accepted (also in EU R-Phrases, EU H-Statements, MAK, EPA Action)					
MAMMALIAN	EU R-Phrases: R20: Harmful by inhalation.					
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)					
SKIN SENSITIZE	EU R-Phrases: R43: May cause sensitization by skin contact.					
ORGAN TOXICANT	EU R-Phrases: R48: Danger of serious damage to health by prolonged exposure.					
MULTIPLE	EPA Action: EPA Chemical of Concern - Action Plan published					
This is a chemical component of ARDEX ARDIFIX PART A - Isocyanate.						
POLYPROPYLENE TRIOL	25791-96-2	10 - 20 %	LT-U	N	N	Modifier
None found	No warnings found on HPD Priority lists					
This is a chemical component of ARDEX ARDIFIX PART B - Polyol.						
1,4-BUTANEDIOL	110-63-4	3 - 7 %	LT-U	N	N	Binder
None found	No warnings found on HPD Priority lists					
This is a chemical component of ARDEX ARDIFIX PART B - Polyol.						

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			

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	

NOTES

This product is sold as a dual cartridge with both ARDIFIX PART A - Isocyanate and ARDIFIX PART B - Polyol. In all applications, ARDIFIX PART A combines with ARDIFIX PART B in equal parts, which mix and react to perform ARDEX ARDIFIX's functions.