

Description	Mapelastic AquaDefense is a premixed, advanced liquid-rubber, extremely quick-drying waterproofing and crack-isolation membrane for installation under ceramic tile or stone in residential, commercial and industrial environments. Mapelastic AquaDefense provides a thin, continuous barrier to protect adjacent rooms and floors below from water damage. For common problem areas like coves, corners, cracks and drains, it can be combined with MAPEI's optional Reinforcing Fabric or Mapeband™ accessories (cove roll and drain flash) to provide additional protection. Mapelastic AquaDefense dries after about 30 to 50 minutes and is then ready to receive any MAPEI polymer or epoxy mortar. Mapelastic AquaDefense can be flood-tested after 12 hours of drying time, is IAPMO-listed for use as a shower-pan liner, and exceeds ANSI A118.10 and ANSI A118.12 standards.
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Release Date	2014-05-02	☒ Self-declared	
Expiry Date	2017-05-02	☐ Second Party	Certifier
HPD URL	https://tool.hpdcollaborative.org/uploads/files/hpds/633/1088-20140502085028.pdf	☐ Third Party	Certificate #

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

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

☐ Yes ☒ No☐ Yes ☒ No

Disclosure Notes

LIMESTONE; CALCIUM CARBONATE , STYRENE BUTADIENE RUBBER (SBR)

- ☐ PBT (Persistent Bioaccumulative Toxic)
- ☐ Cancer
- ☐ Gene Mutation
- ☐ Development
- ☐ Reproductive
- ☐ Endocrine
- ☐ Respiratory

- ☐ Neurotoxicity
- ☐ Land toxicity
- ☐ Multiple
- ☐ Mammal
- ☐ Physical hazard
- ☐ Unknown
- ☐ Skin or Eye
- ☐ Global warming
- ☐ Aquatic toxicity
- ☐ Ozone depletion

Material (g/L)	
Regulatory (g/L)	0.00

☐ N/A ☐ Yes ☒ No☒ N/A ☐ Yes ☐ No

Notes

VOC Emissions CA Section 01350 (CHPS) Emission Test -
CDPH/EHLB Standard Method V1.1 -
Classroom & Office scenario

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						
LIMESTONE; CALCIUM CARBONATE	1317-65-3	15 - 40 %	LT-U	N	N	Mineral Filler
None found	No warnings found on HPD Priority lists					
CAS #1317-65-3 is a mineral filler and pigment.						
STYRENE BUTADIENE RUBBER (SBR)	9003-55-8	10 - 30 %	LT-U	N	N	Polymer
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	CA Section 01350 (CHPS) Emission Test - CDPH/EHLB Standard Method V1.1 - Classroom & Office scenario			Berkeley Analytical
	1st party manufacturer claim	2011-06-29		berkeleyanalytical.com/working-us/bka-compliance-tested
	West Chicago, IL			

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	
Reinforcing Fabric (VOC 0.00 g/L)	N/A
MAPEI's Reinforcing Fabric is a ready-to-use, thin, flexible, alkali-resistant, nonwoven polyester fabric. Optional use with MAPEI's Mapelastic AquaDefense when installed under ceramic tile or stone on residential and commercial interior/exterior floors, walls and ceilings. Reinforcing Fabric is ideal for use over substrate areas that typically cause waterproofing problems such as cracks, coves, corners and areas around drains, and when used with Mapelastic AquaDefense. Reinforcing Fabric provides a durable, reliable barrier to water migration into adjacent areas. It can easily be cut to size with scissors or a razor knife, and has excellent compatibility with all MAPEI cement- or epoxy-based grouts and mortars.	

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