

Name R-Guard Fast Flash



Product ID 70400 Classification 07 27 00.00 Thermal and Moisture Protection (insulation water barrier): Air Barriers

Website www.prosoco.com/Products/9020cb55-bf80-4c76-9a83-26cf23890155

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Description FastFlash is part of the family of PROSOCO R-GUARD® products developed to prevent the unwanted movement of water and air through building envelopes. Utilize FastFlash as a liquid flashing membrane in rough openings and to counterflash waterproofing and air barrier components in new or existing wall assemblies. This single-component, 99% solids, Silyl-Terminated-Poly-Ether (STPE) is easy to gun, spread and tool to produce a highly durable, seamless, elastomeric flashing membrane.
Use FastFlash as a liquid flashing membrane in rough openings of structural walls. Allows same day installation of windows, doors and other wall assembly, waterproofing or air barrier components.
Use FastFlash to adhere, transition and counter-flash through-wall sheet flashing.
Suitable for all climates, FastFlash bonds directly to damp or dry surfaces and cures under a variety of weather conditions. It simplifies the process of producing watertight details in new or existing construction.
Use FastFlash as part of a building wide R-GUARD Air & Water-Resistive Barrier system, or to complement conventional waterproofing or air barrier components.
Appropriate for vertical or horizontal, above-grade applications to concrete, masonry, natural stone, structural sheathing, architectural metals, painted metals, glass, PVC, FRP, EPDM and most other building materials.

Release Date 2014-05-14 Expiry Date 2017-05-14 HPD URL https://tool.hpdcollaborative.org/uploads/files/hpds/106/707-20140514144008.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 Full Disclosure of Intentional Ingredients Full Disclosure of Known Hazards Disclosure Notes
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
PROSOCO is disclosing known residuals in this product to a concentration of 0.1% based on supplier and formulary data. This disclosure document divulges greater than 99.7% of known ingredients and residuals.

Contents in Descending Order of Quantity

CALCIUM CARBONATE , LIMESTONE; CALCIUM CARBONATE , Unknown , POLYPROPYLENE GLYCOL , AMORPHOUS SILICONE DIOXIDE , 1,2-ETHANEDIAMINE, N-(3-(TRIMETHOXYSILYL)PROPYL)-(9CI) , trimethoxyvinylsilane , METHYLTRIMETHOXYSILANE , FERRIC OXIDE , DI-N-BUTYL TIN BIS (ACETYLACETONATE) , DI(2-ETHYLHEXYL)ADIPATE (DEHA) , BIS(2,2,6,6-TETRAMETHYL-4-PIPERIDINYL) SEBACATE , 2-(2H-BENZOTRIAZOL-2-YL)-4,6-DITERTPENTYLPHENOL , STEARIC ACID , QUARTZ

Hazards Highest concern GreenScreen score - List Translator Benchmark 1
PBT (Persistent Bioaccumulative Toxic) Development Reproductive Endocrine Respiratory
Cancer Gene Mutation
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)

35.00

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

Not tested

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						
CALCIUM CARBONATE	471-34-1	20 - 40 %	LT-U	N	N	Filler
None found	No warnings found on HPD Priority lists					
Prosoco has withheld the exact percentage content of this material to preserve Intellectual Property.						
LIMESTONE; CALCIUM CARBONATE	1317-65-3	20 - 40 %	LT-U	N	N	Filler
None found	No warnings found on HPD Priority lists					
Prosoco has withheld the exact percentage content of this material to preserve Intellectual Property.						
Unknown	Unknown	20 - 40 %		N	N	Polymer
Unknown	Not disclosed by supplier					
The specific identity of this STPE polymer has been withheld by the supplier. The supplier has verified LBC v2.1 Red List conformance and it contains no California Proposition 65 chemicals. It is classified as non-hazardous in accordance with GHS criteria and is expected to be free of GreenScreen Benchmark 1 chemicals of concern. For purposes of this HPD, it would be considered unclassifiable.						
POLYPROPYLENE GLYCOL	25322-69-4	10 - 30 %	LT-U	N	N	Plasticizer
None found	No warnings found on HPD Priority lists					
Prosoco has withheld the exact percentage content of this material to preserve Intellectual Property.						
AMORPHOUS SILICONE DIOXIDE	67762-90-7	1 - 10 %		N	N	unknown
None found	No warnings found on HPD Priority lists					
Prosoco has withheld the exact percentage content of this material to preserve Intellectual Property.						

1,2-ETHANEDIAMINE, N-(3-(TRIMETHOXYSILYL)PROPYL)-(9CI)	1760-24-3	1 - 5 %	LT-U	N	N	Drying agent for shelf life stability
None found	No warnings found on HPD Priority lists					
This material cures in the presence of moisture and is bound in the polymer matrix. Prosoco has withheld the exact percentage content of this material to preserve Intellectual Property.						
trimethoxyvinylsilane	2768-02-7	0.1 - 1 %	LT-U	N	N	Drying agent for shelf life stability
None found	No warnings found on HPD Priority lists					
This material cures in the presence of moisture and is bound in the polymer matrix. Prosoco has withheld the exact percentage content of this material to preserve Intellectual Property.						
METHYLTRIMETHOXYSILANE	1185-55-3	0.1 - 1 %	LT-U	N	N	Drying agent for shelf life stability
None found	No warnings found on HPD Priority lists					
This material cures in the presence of moisture and is bound in the polymer matrix. Prosoco has withheld the exact percentage content of this material to preserve Intellectual Property.						
FERRIC OXIDE	1309-37-1	0.1 - 1 %	LT-U	N	N	Pigment
CANCER	MAK: Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification					
This pigment is bound in the polymer matrix. Prosoco has withheld the exact percentage content of this material to preserve Intellectual Property.						
DI-N-BUTYL TIN BIS (ACETYLACETONATE)	22673-19-4	0.1 - 1 %	LT-P1	N	N	Catalyst
MULTIPLE	VwVwS: Class 3 Severe Hazard to Waters					
CANCER	MAK: Carcinogen Group 4 - Non genotoxic carcinogen with low risk under MAK/BAT levels					
DEVELOPMENTAL	MAK: Pregnancy Risk Group B					
This catalyst is required to initiate cross-linking of the polymer in the presence of moisture. This material is classified as a PBT, but is bound in the polymer matrix upon curing.						
DI(2-ETHYLHEXYL)ADIPATE (DEHA)	103-23-1	R	LT-P1			Unknown
CANCER	EPA-C: (1986) Group C - Possible human carcinogen					
ENDOCRINE	TEDX: Potential Endocrine Disruptor					
This is a component of a raw material. It will be bound in the polymer matrix.						
BIS(2,2,6,6-TETRAMETHYL-4-PIPERIDINYL) SEBACATE	52829-07-9	R	LT-P1			Unknown
MULTIPLE	VwVwS: Class 2 Hazard to Waters					
This is a component of a raw material. It will be bound in the polymer matrix.						
2-(2H-BENZOTRIAZOL-2-YL)-4,6-DITERTPENTYLPHENOL	25973-55-1	R	LT-1			Unknown
PBT	OSPAR: PBT - Substance of Possible Concern					
MULTIPLE	VwVwS: Class 2 Hazard to Waters					
This is a component of a raw material. It will be bound in the polymer matrix.						
STEARIC ACID	57-11-4	R				Unknown
None found	No warnings found on HPD Priority lists					

This is a component of a raw material. It will be bound in the polymer matrix.

QUARTZ	14808-60-7	R	LT-1			Contaminant
CANCER	IARC: Group 1: Agent is carcinogenic to humans - inhaled from occupational sources (also in NIOSH-C, MAK, NTP-RoC, Prop 65)					
This is a component of limestone based calcium carbonate. It cannot be liberated from the polymer or cured polymer matrix in a respirable form.						

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	2014-05-08	2019-05-08	https://tool.hpdcollaborative.org/uploads/files/certifications/106/1400089035.pdf	
	Manufactured solely in Lawrence, Kansas				
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
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Condition when required or recommended and/or other notes

NOTES

This product has been evaluated by PROSOCO and its polymer supplier to verify conformance with the Living Building Challenge v2.2 Red List.