

Name R-Guard Cat5



Product ID 70430 Classification 07 27 00.00 Thermal and Moisture Protection (insulation water barrier): Air Barriers

Website prosoco.com/Products/88bd6642-2042-4c35-a560-20e8d1107713

Manufacturer Address PROSOCO 3741 Greenway Circle Lawrence, KS 66046 Contact Name Title Dwayne Fuhlhage Sustainability and Environment Director Phone (785)830-7600 Email dwayne.fuhlhage@prosoco.com

Description Cat 5® is part of the family of PROSOCO R-GUARD® products developed to prevent the movement of water and air through building envelopes. Utilize Cat 5® as the primary air barrier over above grade structural surfaces prepared with R-GUARD Joint & Seam Filler and R-GUARD FastFlash®. Cat 5® is a single component, Silyl-Terminated-Poly-Ether (STPE) that is roller applied to produce a highly durable, seamless, elastomeric weatherproofing membrane on exterior sheathing, CMU back-up walls, and pre-cast concrete. Cat 5® is proven to prevent water and air penetration of the building envelope in conditions ranging from everyday weather to the drenching rains and 155 mph winds of a Category 5 hurricane. Cat 5® can be applied in unfavorable weather conditions to dry or damp substrates. This feature eliminates many weather-related construction delays and accelerates the “drying in” of new buildings. The durable, elastomeric membrane adheres to most surfaces, is immediately waterproof and is compatible with most sealants and waterproofing or air barrier components.

Release Date 2014-05-15 Expiry Date 2017-05-15 HPD URL https://tool.hpdcollaborative.org/uploads/files/hpds/106/708-20140515121435.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

Contents in Descending Order of Quantity

Unknown, LIMESTONE; CALCIUM CARBONATE, POLYPROPYLENE GLYCOL, 1,2-ETHANEDIAMINE, N-(3-(TRIMETHOXYSILYL)PROPYL)-(9CI), Undisclosed (Unknown), METHYLTRIMETHOXYSILANE, DI(2-ETHYLHEXYL)ADIPATE (DEHA), Titanium dioxide, Dibutyltin dilaurate, trimethoxyvinylsilane, FERRIC OXIDE, BIS(2,2,6,6-TETRAMETHYL-4-PIPERIDINYL) SEBACATE, 2-(2H-BENZOTRIAZOL-2-YL)-4,6-DITERTPENTYLPHENOL, QUARTZ

Hazards Highest concern GreenScreen score - List Translator Benchmark 1

Total VOC Content Material (g/L) Regulatory (g/L) 35.00 Does the product contain exempt VOCs? Are there VOC-free tints available?

Notes

Certifications + Compliance

VOC Emissions Not tested

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						
Unknown	Unknown	30 - 50 %		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.						
LIMESTONE; CALCIUM CARBONATE	1317-65-3	30 - 50 %	LT-U	U	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.						
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.						
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					
Undisclosed (Unknown)	Unknown	0.1 - 1 %		N	N	Pigment
None found	No warnings found on HPD Priority lists					
This pigment component is held as proprietary by the supplier. It contains no California Proposition 65 chemicals and is not expected to contain GreenScreen Benchmark 1 chemicals of concern.						

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					
DI(2-ETHYLHEXYL)ADIPATE (DEHA)	103-23-1	0.1 - 1 %	LT-P1	N	N	Component of various pigments
CANCER	EPA-C: (1986) Group C - Possible human carcinogen					
ENDOCRINE	TEDX: Potential Endocrine Disruptor					
This material is a common plasticizer/carrier for pigments used in polymer systems. It will be bound in the polymer matrix.						
Titanium dioxide	13463-67-7	0.1 - 1 %	LT-1	N	N	Pigment
CANCER	NIOSH-C: Occupational carcinogen (also in Prop 65, IARC, MAK)					
This pigment is bound in the polymer matrix. It cannot be liberated from the polymer or cured polymer matrix in a respirable form. Prosoco has withheld the exact percentage content of this material to preserve Intellectual Property.						
Dibutyltin dilaurate	77-58-7	0.1 - 1 %	LT-P1	N	N	Catalyst
MULTIPLE	SIN: Classified CMR (Carcinogen, Mutagen &/or Reproductive Toxicant) (also in VwVwS)					
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.						
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					
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.						
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.						
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	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 designed for exterior application to a building assembly as defined in LEED v4 EQ credits. Testing to the CDPH 01350 indoor air quality model would not be accurate or relevant for this application. It complies with CARB 2007 SCM VOC limits incorporated by reference in LEED v4 Healthcare and Schools exterior architectural coating credit language. This product has been evaluated by PROSOCO and its polymer supplier to verify conformance with the Living Building Challenge v2.1 Red List.