

Name R-Guard Joint & Seam Filler



Product ID 70410 Classification 07 27 00.00 Thermal and Moisture Protection (insulation water barrier): Air Barriers

Website www.prosoco.com/Products/4253671d-1373-45ea-a68c-ee853e16162a

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Description Joint & Seam Filler is part of the family of PROSOCO R-GUARD® products developed to prevent the unwanted movement of water and air through building envelopes. Utilize Joint & Seam Filler to prepare open joints, seams and cracks before installing R-GUARD FastFlash; any R-GUARD Primary Air & Water-Resistive Barrier; or other waterproofing and air barrier components in new or existing wall assemblies.

Joint & Seam Filler is a high modulus, gun-grade crack and joint filler, adhesive and detailing compound that combines the best of silicone and polyurethane properties. This single-component, fiber-reinforced, Silyl-Terminated-Poly-Ether (STPE) is easy to gun, spread and tool.

Use Joint & Seam Filler to fill openings and create transitions where flexible reinforcement is required to bridge gaps and provide continuous support of fluid-applied flashing membranes, waterproofing or air barrier components.

Suitable for all climates, Joint & Seam Filler bonds directly to damp or dry surfaces and cures under a variety of weather conditions. It dramatically reduces surface preparation time by eliminating the need for reinforcing tapes at sheathing joints, inside and outside corners.

Use Joint & Seam Filler as part of a building wide PROSOCO R-GUARD® Air & Water Resistive Barrier system, or to prepare surfaces for 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 2014-05-15 Self-declared
Expiry Date 2017-05-15 Second Party **Certifier**
HPD URL <https://tool.hpdcollaborative.org/uploads/files/hpds/106/706-20140515171426.pdf> Third Party **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

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

Unknown , POLYPROPYLENE GLYCOL , LIMESTONE; CALCIUM CARBONATE , CALCIUM CARBONATE , 1,2-ETHANEDIAMINE, N-(3-(TRIMETHOXYSILYL)PROPYL)-(9CI) , POLYETHYLENE TEREPHTHALATE (PET) , Titanium dioxide , FERROUS OXIDE , METHYLTRIMETHOXYSILANE , DI-N-BUTYL TINBIS(ACETYLACETONATE) , Undisclosed (Rheological Additive - Proprietary) , FERRIC OXIDE , trimethoxyvinylsilane , SILICA, AMORPHOUS , Alumina trihydrate , STEARIC ACID , QUARTZ

Hazards

- PBT (Persistent Bioaccumulative Toxic)
- Cancer
- Gene Mutation

- Development
- Reproductive
- Endocrine
- Respiratory

Highest concern GreenScreen score - List Translator 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)
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						
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	20 - 40 %	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.						
LIMESTONE; CALCIUM CARBONATE	1317-65-3	20 - 40 %	LT-U	PI	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.						
CALCIUM CARBONATE	471-34-1	10 - 30 %	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.						
1,2-ETHANEDIAMINE, N-(3-(TRIMETHOXSILYL)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					
Prosoco has withheld the exact percentage content of this material to preserve Intellectual Property.						

POLYETHYLENE TEREPHTHALATE (PET)	25038-59-9	1 - 5 %	LT-U	N	N	Reinforcing fiber
None found	No warnings found on HPD Priority lists					
This material is more commonly known as polyester in the context of synthetic fiber or PET when used in beverage bottle production. The fibers are fully polymerized and inert.						
Titanium dioxide	13463-67-7	1 - 3 %	LT-1	N	N	Pigment
CANCER	NIOSH-C: Occupational carcinogen (also in Prop 65, IARC, MAK)					
Titanium dioxide is classified as a carcinogen in its respirable form. It cannot be liberated from this viscous product in liquid or cured polymer form.						
FERROUS OXIDE	1345-25-1	0.1 - 1 %	LT-U	N	N	Pigment
CANCER	MAK: Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification					
This pigment will be bound in the polymer matrix and is not available in respirable form.						
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.						
DI-N-BUTYLTINBIS(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.						
Undisclosed (Rheological Additive - Proprietary)	Undisclosed	0.1 - 1 %		U	U	Rheological additive
None found	No warnings found on HPD Priority lists					
The specific identity of this material has been withheld by the supplier.						
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					
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					
SILICA, AMORPHOUS	7631-86-9	R	LT-1			Unknown
CANCER	NIOSH-C: Occupational carcinogen					
This material cannot be released from the product as supplied or cured as a respiratory particle that can cause carcinogenic exposure.						
Alumina trihydrate	21645-51-2	R	LT-U			Unknown
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only					

This material will be bound in the polymer matrix and is not available in respirable form.

STEARIC ACID	57-11-4	R				Unknown
None found	No warnings found on HPD Priority lists					
Component of raw material.						
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)					
More commonly known as sand, this is a common component of limestone based calcium carbonate. This material cannot be released from the product as supplied or cured as a respiratory particle that can cause carcinogenic exposure.						

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
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/106/1400186094.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
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.