

Name Potassium Silicate Interior Paints



Product ID Interior Models

Classification

09 01 90.00 Finishes: Maintenance of Painting and Coating

Website romabio.com/

Manufacturer ROMA Eco-Sustainable Technologies

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Description

ROMA's Potassium Silicate Paints comprise the Domus Collection of Mineral Paints and Primers. Eight (8) Interior Model Paints are covered under this HPD: EcoDomus Eggshell Deep Base, EcoDomus Eggshell I White, BioDomus Superflat Deep Base, BioDomus Superflat White, EcoDomus Matte White, EcoDomus Matte Deep Base, EcoDomus Satin Deep Base, and EcoDomus Satin White

Release Date 2014-10-14

Expiry Date 2017-10-14

HPD URL https://tool.hpdcollaborative.org/uploads/files/hpds/66/2096-20141014112841.pdf

Second Party

Third Party

Certifier

Certificate # Pilot Third Party Verified - ToxServices LLC

Products Assessed to 1,000 ppm (0.1%)

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

Contents in Descending Order of Quantity

WATER, CALCIUM CARBONATE, Titanium dioxide, ETHYLENE VINYL ACETATE POLYMER (EVA), Undisclosed (Polymer), potassium polysilicate, TALC, Undisclosed (Trade Secret), Undisclosed (Trade Secret), Undisclosed (Trade Secret), Undisclosed (Trade Secret), Undisclosed (Trade Secret), Undisclosed (Trade Secret), Undisclosed (Trade Secret), Undisclosed (Trade Secret), Undisclosed (Trade Secret), Undisclosed (Trade Secret), Undisclosed (Trade Secret), Undisclosed (Trade Secret)

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) 0.00

Regulatory (g/L) 0.00

Does the product contain exempt VOCs?

N/A Yes No

Are there VOC-free tints available?

N/A Yes No

Notes

N/A

Certifications + Compliance

VOC Emissions Not tested
Multi-attribute Cradle to Cradle - Basic (V3.0)

VOC Content Not tested
Multi-attribute Cradle to Cradle - Bronze (V3.0)

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						
WATER	7732-18-5	0 - 61.8 %	4	N	N	Solvent
None found	No warnings found on HPD Priority lists					
% listed is the maximum amount of the ingredient used in the eight interior paint formulations						
CALCIUM CARBONATE	471-34-1	0 - 45.2 %	LT-U	PI	N	Filler Component
None found	No warnings found on HPD Priority lists					
% listed is the maximum amount of the ingredient used in the eight interior paint formulations						
Titanium dioxide	13463-67-7	0 - 38.1 %	LT-1	N	N	Pigment Colorant
CANCER	NIOSH-C: Occupational carcinogen (also in Prop 65, IARC, MAK)					
% listed is the maximum amount of the ingredient used in the eight interior paint formulations. See HPD Notes Section for explanation of hazard						
ETHYLENE VINYL ACETATE POLYMER (EVA)	24937-78-8	0 - 11.8 %	LT-U	N	N	Binder Component
None found	No warnings found on HPD Priority lists					
% listed is the maximum amount of the ingredient used in the eight interior paint formulations						
Undisclosed (Polymer)	Unknown	0 - 9.7 %		N	N	Binder Component
None found	No warnings found on HPD Priority lists					
Full formulation was not disclosed by the supplier. Hazards discussed under the HPD Notes Section. % listed is the maximum amount of the ingredient used in the eight interior paint formulations						

potassium polysilicate	1312-76-1	0 - 7.3 %	LT-U	U	N	Inorganic Binder
None found	No warnings found on HPD Priority lists					
% listed is the maximum amount of the ingredient used in the eight interior paint formulations						
TALC	14807-96-6	0 - 7 %	LT-U	U	N	Filler Component
CANCER	MAK: Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification					
% listed is the maximum amount of the ingredient used in the eight interior paint formulations						
Undisclosed (Trade Secret)	Undisclosed	0 - 1.9 %	LT-U	N	N	Filler Component
RESPIRATORY	AOEC: Asthmagen (ARs) - sensitizer-induced - inhalable forms only					
% listed is the maximum amount of the ingredient used in the eight interior paint formulations						
Undisclosed (Trade Secret)	Undisclosed	0 - 1.3 %	LT-U	N	N	Defoamer Component
None found	No warnings found on HPD Priority lists					
% listed is the maximum amount of the ingredient used in the eight interior paint formulations						
Undisclosed (Trade Secret)	Undisclosed	0 - 1.3 %		U	U	Wetting Agent Component
None found	No warnings found on HPD Priority lists					
% listed is the maximum amount of the ingredient used in the eight interior paint formulations						
Undisclosed (Trade Secret)	Undisclosed	0 - 1 %	LT-U	N	N	Binder Component
None found	No warnings found on HPD Priority lists					
% listed is the maximum amount of the ingredient used in the eight interior paint formulations						
Undisclosed (Trade Secret)	Undisclosed	0 - 0.5 %	LT-U	U	N	Rheological Additive Component
None found	No warnings found on HPD Priority lists					
% listed is the maximum amount of the ingredient used in the eight interior paint formulations						
Undisclosed (Trade Secret)	Undisclosed	0 - 0.4 %	LT-U	N	N	Pigment, Wetting, and Dispersing Agent
None found	No warnings found on HPD Priority lists					
% listed is the maximum amount of the ingredient used in the eight interior paint formulations.						
Undisclosed (Trade Secret)	Undisclosed	0 - 0.2 %	LT-U	N	N	Binder Component
None found	No warnings found on HPD Priority lists					
% listed is the maximum amount of the ingredient used in the eight interior paint formulations						
Undisclosed (Trade Secret)	Undisclosed	0 - 0.2 %	LT-1	N	N	Pigment Component/Filler
CANCER	NIOSH-C: Occupational carcinogen					
% listed is the maximum amount of the ingredient used in the eight interior paint formulations. See HPD Notes Section for explanation of hazard						
Undisclosed (Trade Secret)	Undisclosed	0 - 0.2 %	LT-U	N	N	Dispersant for Pigments
None found	No warnings found on HPD Priority lists					
% listed is the maximum amount of the ingredient used in the eight interior paint formulations.						

Undisclosed (Trade Secret)	Undisclosed	0 - 0.2 %		N	N	Binder Component
None found	No warnings found on HPD Priority lists					
% listed is the maximum amount of the ingredient used in the eight interior paint formulations						
Undisclosed (Trade Secret)	Undisclosed	0 - 0.16 %	LT-U	N	N	Pigment Component
None found	No warnings found on HPD Priority lists					
% listed is the maximum amount of the ingredient used in the eight interior paint formulations						
Undisclosed (Trade Secret)	Undisclosed	0 - 0.12 %	LT-U	N	N	Pigment Colorant
None found	No warnings found on HPD Priority lists					
% listed is the maximum amount of the ingredient used in the eight interior paint formulations						
Undisclosed (Trade Secret)	Undisclosed	0 - 0.1 %		N	N	Binder Component
None found	No warnings found on HPD Priority lists					
% listed is the maximum amount of the ingredient used in the eight interior paint formulations						

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				
Multi-attribute	Cradle to Cradle - Basic (V3.0)			McDonough Braungart Design Chemistry (MBDC)	

	3rd party independent certification	2014-09-01	2016-09-01	www.c2ccertified.org
	All			
	C2C Basic Version 3.0 Certification is only for Potassium Interior Paint Model EcoDomus Satin White			
Multi-attribute	Cradle to Cradle - Bronze (V3.0)			McDonough Braungart Design Chemistry (MBDC)
	3rd party independent certification	2014-09-01	2016-09-01	www.c2ccertified.org
	All			
	C2C Bronze Certification good for Potassium Silicate Interior Paint Models: EcoDomus Eggshell Deep Base; EcoDomus Eggshell I White; BioDomus Superflat Deep Base; BioDomus Superflat White; EcoDomus Matte White; EcoDomus Matte Deep Base; EcoDomus Satin Deep Base.			

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

Ingredient Description: 1.) Polymer - present at a maximum % composition of 9.77%. Polymer is an ingredient in the Binder Component. The manufacturer of the binder component only was able to provide the listed ingredient "polymer". Titanium dioxide, silica (quartz), and silica (amorphous) are classified as LT-1 chemicals based on classification on authoritative lists for carcinogenicity. These classifications pertain to inhalable forms of these inorganic compounds. As these compounds are present in a liquid paint, inhalation exposure to these solid compounds is unlikely. When dried, the particles are expected to be bound within the matrix of a paint film, which minimizes the potential for inhalation exposure.