

Name Potassium Silicate Exterior Paints



Product ID Exterior Models Classification 09 01 90.00 Finishes: Maintenance of Painting and Coating

Website romabio.com/

Manufacturer ROMA Eco-Sustainable Technologies Contact Name Christopher Lewis Title Chief Technical Officer Address 554 North Avenue NW Suite B Atlanta, GA 30318 Phone 678-905-3700 Email c.lewis@romabio.com

Description ROMA's Potassium Silicate Paints comprise the Domus Collection of Mineral Paints and Primers. Six (6) Exterior Model Paints are covered under this HPD: BioDomus White I; BioDomus White II; BioDomus Deep Base; BioDomus Deep Base II; BioGrip Medium; BioGrip Micro

Release Date 2014-10-14 Expiry Date 2017-10-14 HPD URL https://tool.hpdcollaborative.org/uploads/files/hpds/66/2095-20141014111127.pdf Products Assessed to 1,000 ppm (0.1%) Certifier Pilot Third Party Verified - ToxServices LLC

SUMMARY DISCLOSURE

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

Residuals Disclosure: Measured 1000 ppm. Full Disclosure of Intentional Ingredients: No. Full Disclosure of Known Hazards: No. Disclosure Notes: None.

Contents in Descending Order of Quantity

CALCIUM CARBONATE, LIMESTONE; CALCIUM CARBONATE, WATER, Titanium dioxide, potassium polysilicate, TALC, QUARTZ, (Polyethylene-acrylic acid) copolymer, Undisclosed (Trade Secret), Undisclosed (Trade Secret), Undisclosed (Trade Secret), Undisclosed (Trade Secret), Undisclosed (Trade Secret), Undisclosed (Trade Secret)

Hazards: Cancer, Respiratory. Highest concern GreenScreen score - List Translator Benchmark 1: Unknown.

Total VOC Content: 0.00 g/L. Does the product contain exempt VOCs? No. Are there VOC-free tints available? Yes.

Notes: N/A

Certifications + Compliance

VOC Emissions: Not tested. 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](http://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](http://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
<b>Hazard A</b>	<b>Warning A</b>					
<b>Hazard B</b>	<b>Warning B</b>					
<b>Hazard C</b>	<b>Warning C</b>					
<b>Hazard D</b>	<b>Warning D</b>					
<b>Hazard E</b>	<b>Warning E</b>					
<b>Notes</b>						
<b>CALCIUM CARBONATE</b>	471-34-1	0 - 39.8 %	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 six exterior paint formulations						
<b>LIMESTONE; CALCIUM CARBONATE</b>	1317-65-3	0 - 36.2 %	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 six exterior paint formulations						
<b>WATER</b>	7732-18-5	0 - 34 %	4	N	N	Solvent
None found	No warnings found on HPD Priority lists					
% listed is the maximum amount of the ingredient used in the six exterior paint formulations						
<b>Titanium dioxide</b>	13463-67-7	0 - 13.4 %	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 six exterior paint formulations. See HPD Notes Section for explanation of hazard						
<b>potassium polysilicate</b>	1312-76-1	0 - 12 %	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 six exterior paint formulations.						
<b>TALC</b>	14807-96-6	0 - 7.7 %	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 six exterior paint formulations						
QUARTZ	14808-60-7	0 - 7.2 %	LT-1	U	N	Filler Component
CANCER	IARC: Group 1: Agent is carcinogenic to humans - inhaled from occupational sources (also in NIOSH-C, MAK, NTP-RoC, Prop 65)					
% listed is the maximum amount of the ingredient used in the six exterior paint formulations. See HPD Notes Section for explanation of hazard						
(Polyethylene-acrylic acid) copolymer	9010-77-9	0 - 5.4 %	LT-U	U	U	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 six exterior paint formulations						
Undisclosed (Trade Secret)	Undisclosed	0 - 0.68 %	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 six exterior paint formulations						
Undisclosed (Trade Secret)	Undisclosed	0 - 0.4 %	LT-U	N	N	Rheological Additive Component
None found	No warnings found on HPD Priority lists					
% listed is the maximum amount of the ingredient used in the six exterior paint formulations						
Undisclosed (Trade Secret)	Undisclosed	0 - 0.36 %		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 six exterior paint formulations						
Undisclosed (Trade Secret)	Undisclosed	0 - 0.23 %	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 six exterior paint formulations						
Undisclosed (Trade Secret)	Undisclosed	0 - 0.2 %	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 six exterior paint formulations						
Undisclosed (Trade Secret)	Undisclosed	0 - 0.16 %	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 six exterior 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 - Bronze (V3.0) McDonough Braungart Design Chemistry (MBDC) 3rd party independent certification    2014-09-01    2016-09-01 <a href="http://www.c2ccertified.org">www.c2ccertified.org</a> All

**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
<b>Condition when required or recommended and/or other notes</b>	

**NOTES**

Ingredient Description: 1.) Polymer - present at a maximum % composition of 5.4%. 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.