

HPD UNIQUE IDENTIFIER: 5315170091008

CLASSIFICATION: 09 96 00 High-Performance Coatings

PRODUCT DESCRIPTION: VandlGuard® Five Non-Sacrificial Anti-Graffiti Coating is a one-coat base coat. Apply one coat of VandlGuard® Finish Coat as a top coat over the base coat. This system provides a tough and durable graffiti-resistant finish. This is a crosslinking co-polymer material coating that dries clear (non-yellowing) with a low luster sheen finish. Protects a variety of vertical and horizontal surfaces from permanent graffiti staining and damage. Will protect your surface from graffiti defacement caused by commercially available spray paints and is warranted for up to five-year covering both material and labor replacement. Meets ASTM D7089 and ASTM D6578/6578M. Also includes CSI MasterFormat 09 96 23 Graffiti-Resistant Coatings.

Section 1: Summary

Nested Method / Material Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold Level	Residuals/Impurities Evaluation	<i>For all contents above the threshold, the manufacturer has:</i>
☒ Nested Materials Method	☒ 100 ppm	Completed in 1 of 1 Materials	Characterized ☒ Yes ☐ No
☐ Basic Method	☐ 1,000 ppm	Explanation(s) provided for Residuals/Impurities?	<i>Provided weight and role.</i>
Threshold Disclosed Per	☐ Per GHS SDS	☒ Yes ☐ No	Screened ☒ Yes ☐ No
☒ Material	☐ Other		<i>Provided screening results using HPDC-approved methods.</i>
☐ Product			Identified ☐ Yes ☒ No
			<i>Provided name and CAS RN or other identifier.</i>

CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

NESTED MATERIAL | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY

GREENSCREEN SCORE | HAZARD TYPE

VANDLGUARD® FIVE ANTI-GRAFFITI COATING [WATER BM-4 UNDISCLOSED LT-UNK]

Number of Greenscreen BM-4/BM3 contents ... 1

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... None

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

This Health Product Declaration (HPD) was completed in accordance with the HPD Standard version 2.3, and discloses hazards associated with all substances present at or above 100 parts per million (ppm) in the finished product, along with the role and percent weight.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): <1 g/l Regulatory (g/l): <1 g/l

Does the product contain exempt VOCs: No

Are colorants available that do not increase the VOC content of the base paint when tinted: N/A

CERTIFICATIONS AND COMPLIANCE *See Section 3 for additional listings.*

VOC emissions: CDPH Standard Method – Not tested

VOC content: EPA Method 24 - Volatile Matter Content (EPA 24)

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.

Pre-checked for LEED v4 Option 2.

Pre-checked for LEED v4.1 Option 1.

Third Party Verified?	PREPARER: Self-Prepared	SCREENING DATE: 2024-07-10
☐ Yes	VERIFIER:	PUBLISHED DATE: 2024-07-10
☒ No	VERIFICATION #:	EXPIRY DATE: 2027-07-10

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.3, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-3-standard

VANDLGuard® FIVE ANTI-GRAFFITI COATING		%: 100.0000 - 100.0000	
MATERIAL THRESHOLD: 100 ppm		RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes	MATERIAL TYPE: Polymeric Material
RESIDUALS AND IMPURITIES NOTES: No residuals or impurities are known or expected to be present at or above the Content Inventory Threshold indicated that have a GS score of BM-1, LT-1, LT-P1 or NoGS based on information provided in supplier documentation and as predicted by process chemistry (Pharos CML)			
OTHER MATERIAL NOTES:			

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-07-10 12:18:26	
%: 84.4000 - 84.9000	GreenScreen: BM-4	RC: None	NANO: No	SUBSTANCE ROLE: Diluent
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
EXEMPT	European Union / European Commission (EU EC)	EU - REACH Exemptions		
		Exempted from REACH Annex IV listing due to intrinsic safety		
SUBSTANCE NOTES: GreenScreen Benchmark® assessment score of BM-4 was provided by the HPD Builder Tool.				

UNDISCLOSED

ID: Undisclosed

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2024-07-10 12:18:26		
%: 15.1000 - 15.6000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Antistain
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES: Supplier has shared substance identity under the terms of a non-disclosure agreement; substance to remain proprietary to supplier. Supplier has confirmed that residual monomers are not present at or above 100 ppm. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed.				

Section 3: Certifications and Compliance

This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.

VOC EMISSIONS	CDPH Standard Method – Not tested	
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2020-01-21 00:00:00	CERTIFIER OR LAB: N/A
APPLICABLE FACILITIES: N/A	EXPIRY DATE:	
CERTIFICATE URL:		
CERTIFICATION AND COMPLIANCE NOTES: VandlGuard® Five Anti-Graffiti Coating is an exterior product. VOC Content is reported, as required for wet-applied products.		

VOC CONTENT	EPA Method 24 - Volatile Matter Content (EPA 24)	
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2020-01-21 00:00:00	CERTIFIER OR LAB: N/A
APPLICABLE FACILITIES: All	EXPIRY DATE:	
CERTIFICATE URL:		
CERTIFICATION AND COMPLIANCE NOTES: VOC Content calculated based on formulation.		

Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.

VANDLGUARD® FINISH COAT MANUFACTURER (OR GENERIC): Rainguard International
HPD URL: https://hpdrepository.hpd-collaborative.org/ ACCESSORY TYPE: Installation Accessory CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Top coat for VandlGuard® Anti-Graffiti System that is required for warranty.

MICRO-SEAL® WATER REPELLENT MANUFACTURER (OR GENERIC): Rainguard International
HPD URL: https://www.hpd-collaborative.org/hpd-public-repository/ ACCESSORY TYPE: Installation Accessory CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Bare Surfaces: Apply one coat of RainguardPro Micro-Seal® Water Repellent before applying any VandlGuard® system. This is required for applications that need warranties on a substrate that is unpainted or unsealed.

VANDLCLEAN™ SUPER GRAFFITI CLEANER MANUFACTURER (OR GENERIC): Rainguard International
HPD URL: No HPD available ACCESSORY TYPE: Cleaning Product CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Use only Rainguard VandlClean™ Super Graffiti Cleaner to maintain application warranties. VandlClean™ Super Graffiti Cleaner is an environmentally friendly, biodegradable graffiti remover designed to dissolve spray paint, marker, pen and pencil. VandlClean™ Super Graffiti Cleaner is a concentrated citrus based cleaner and degreaser designed for cleaning almost any surface with stains not affected by water alone.

Section 5: General Notes

For additional performance-testing information, please contact Rainguard technical services at 888-765-7070. Approvals & Qualifications: Material Type - Cross Linked Co-Polymer; Permeability 100%; Volume Approx. 40%; Weight Approx. 58% Solids; Slight Latex Odor; Temp Range Application 40o-100o F;

Color of Material - Clear; Non- Flammable; Surface Dry Time 1-2 Hours; Full Chemical Cure 72-96 Hrs @ 75oF. Graffiti resistance is fully developed after a cure time of 5-7 days depending on weather conditions. When using a power washer, keep pressure less than 500 psi. For difficult removal use warm to hot water while power washing. In order to maintain application warranties only use Rainguard VandlClean™ Super, a nonhazardous biodegradable cleaner. Follow the manufacturer's recommendations and instructions for use. In addition, warm water power-washing has also been known to assist in the removal of tagging.

MANUFACTURER INFORMATION

MANUFACTURER: **Rainguard International**
ADDRESS: **21622 Surveyor Circle**
Huntington Beach, CA 92646
COUNTRY: **USA**

WEBSITE: **www.rainguard.com**
CONTACT NAME: **Claude Florent**
TITLE: **CEO**
PHONE: **(949) 515-8800**
EMAIL: **claudio@rainguard.com**

The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY**Hazard Types**

AQU Aquatic toxicity	LAN Land toxicity	PHY Physical hazard (flammable or reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive
DEV Developmental toxicity	MUL Multiple	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	NF Not found on Priority Hazard Lists	UNK Unknown
GEN Gene mutation	OZO Ozone depletion	
GLO Global warming	PBT Persistent, bioaccumulative, and toxic	

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-P1 List Translator Possible 1 (Possible Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS No GreenScreen.
BM-U Benchmark Unspecified (due to insufficient data)	

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, www.greenscreenchemicals.org, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

Recycled Types

PreC Pre-consumer recycled content
PostC Post-consumer recycled content
UNK Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms:

GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Inventory Methods:

Nested Method / Material Threshold	Substances listed within each material per threshold indicated per material
Nested Method / Product Threshold	Substances listed within each material per threshold indicated per product
Basic Method / Product Threshold	Substances listed individually per threshold indicated per product

Nano	Composed of nano scale particles or nanotechnology
Third Party Verified	Verification by independent certifier approved by HPDC
Preparer	Third party preparer, if not self-prepared by manufacturer
Applicable facilities	Manufacturing sites to which testing applies

The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:

- a method for the assessment of exposure or risk associated with product handling or use,*
- a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.*

Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.

The HPD Open Standard was created and is supported by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry that is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and

