

HPD UNIQUE IDENTIFIER: 27019

CLASSIFICATION: 09 91 00 Painting

PRODUCT DESCRIPTION: EPOXYGUARD ENAMEL is a one component water-based pre-catalyzed epoxy acrylic. It is formulated to create a very tough and durable finish for all properly prepared and primed vertical concrete, masonry, drywall, plaster, metal and wood surfaces. EPOXYGUARD ENAMEL is highly resistant to scuffing, peeling, and fading

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- Basic Method

Threshold Disclosed Per

- Material
- Product

Threshold Level

- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Other

Residuals/Impurities

- Considered
- Partially Considered
- Not Considered

Explanation(s) provided for Residuals/Impurities?

- Yes  No

All Substances Above the Threshold Indicated Are:

Characterized  Yes Ex/SC  Yes  No

% weight and role provided for all substances.

Screened  Yes Ex/SC  Yes  No

All substances screened using Priority Hazard Lists with results disclosed.

Identified  Yes Ex/SC  Yes  No

One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.

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.

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY

GREENSCREEN SCORE | HAZARD TYPE

EPOXYGUARD ENAMEL [ EPOXY ACRYLATE NoGS WATER BM-4  
TALC BM-1 | CAN ETHYLENE OXIDE POLYMER LT-UNK NEPHELINE  
SYENITE LT-UNK POLYCARBOXYLIC ACID, SODIUM SALT NoGS  
POLYPROPYLENE GLYCOL LT-UNK UNDISCLOSED LT-UNK  
POLYSILOXANE NoGS 3-IODO-2-PROPYNILBUTYL CARBAMATE BM-2  
| AQU | END | SKI | MUL | MAM | EYE AMMONIUM HYDROXIDE LT-P1 |  
AQU | SKI | RES | MUL 1,2-BENZISOTHIAZOLINE-3-ONE LT-P1 | AQU |  
SKI | MUL | EYE POLYOXYL STEARYL ETHER LT-P1 | MUL  
OCTAMETHYLCYCLOTETRA SILOXANE BM-1 | END | MUL | PBT | REP  
TITANIUM DIOXIDE LT-1 | CAN | END ]

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

Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1  
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Full Inventory Listed

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 8 Regulatory (g/l): 5

Does the product contain exempt VOCs: No

Are ultra-low VOC tints available: Yes

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: astm d5116

VOC content: astm 2369

VOC content: ASTM D6886-14e1

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2021-06-28

PUBLISHED DATE: 2022-01-06

EXPIRY DATE: 2024-06-28

## Section 2: Content in Descending Order of Quantity

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 2.2, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-2-standard](http://www.hpd-collaborative.org/hpd-2-2-standard)

### EPOXYGUARD ENAMEL

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Data provide is complete and precise. No residuals or impurities.

OTHER PRODUCT NOTES: Available in Semi-Gloss and Eggshell finish.

### EPOXY ACRYLATE

ID: 38891-59-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-06-30 11:54:13

#: 40.0000 - 50.0000 GS: NoGS RC: PreC NANO: No SUBSTANCE ROLE: Polymer species

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Crosslinking epoxy acrylic

### WATER

ID: 7732-18-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-06-30 12:13:15

#: 25.0000 - 35.0000 GS: BM-4 RC: PreC NANO: No SUBSTANCE ROLE: Diluent

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

### TALC

ID: 14807-96-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-06-28 11:19:08

#: 0.9000 - 3.9000 GS: BM-1 RC: None NANO: No SUBSTANCE ROLE: Viscosity modifier

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
CAN	IARC	Group 2b - Possibly carcinogenic to humans

SUBSTANCE NOTES: Improves the resistance and prevents cracking and peel of □ Water-repellent effect □ Increases the viscosity and facilitate dispersion □ Improves the weather and UV resistance

### ETHYLENE OXIDE POLYMER

ID: 9002-90-8

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2022-01-04 14:28:14</b>		
%: <b>0.5000 - 2.5000</b>	GS: <b>LT-UNK</b>	RC: <b>UNK</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Viscosity modifier</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: Cas Number of rheology modifier unknown modified ethylene oxide urethane (HEUR) rheology modifier polyurethane resin makes up less than 20% of substance				

**NEPHELINE SYENITE** ID: **37244-96-5**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2022-01-04 14:30:41</b>		
%: <b>0.5000 - 5.0000</b>	GS: <b>LT-UNK</b>	RC: <b>UNK</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Filler</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: a naturally occurring, silica deficient, sodium-potassium alumina silicate				

**POLYCARBOXYLIC ACID, SODIUM SALT** ID: **62601-60-9**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-30 11:50:55</b>		
%: <b>0.3600 - 0.4100</b>	GS: <b>NoGS</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Dispersant</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: Polycarboxylate, ammonia salt				

**POLYPROPYLENE GLYCOL** ID: **25322-69-4**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2022-01-04 14:33:20</b>		
%: <b>0.2000 - 0.4000</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Defoamer</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: grind defoamer				

**UNDISCLOSED** ID: **Undisclosed**

HAZARD SCREENING METHOD: <b>Pharos Chemical and Materials Library</b>		HAZARD SCREENING DATE: <b>2021-06-28 11:19:06</b>		
%: <b>0.1400 - 0.1500</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	SUBSTANCE ROLE: <b>Surfactant</b>
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: fifty percent of wetting agent				

## POLYSILOXANE

ID: 9011-19-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-06-30 11:52:34

%: 0.1000 - 0.4000 GS: NoGS RC: None NANO: No SUBSTANCE ROLE: Defoamer

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: polysiloxanes and hydrophobic solids in polyglyco

## 3-iodo-2-propynylbutylcarbamate

ID: 55406-53-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-06-28 11:19:07

%: 0.0600 - 0.0900 GS: BM-2 RC: None NANO: No SUBSTANCE ROLE: Antimicrobial Pesticide

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
AQU	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
AQU	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
MAM	EU - GHS (H-Statements)	H331 - Toxic if inhaled
MAM	EU - GHS (H-Statements)	H372 - Causes damage to organs through prolonged or repeated exposure
SKI	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE	EU - GHS (H-Statements)	H318 - Causes serious eye damage

SUBSTANCE NOTES: IPBC 20% Fungicide

## AMMONIUM HYDROXIDE

ID: 1336-21-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-06-28 11:19:06

%: 0.0500 - 0.1000 GS: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Buffer

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
AQU	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
SKI	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
RES	AOEC - Asthmagens	Asthmagen (Rr&Rs) - irritant-induced & sensitizer-induced

SUBSTANCE NOTES: small percentage in polymer and post add adjustments to batches

**1,2-BENZISOTHIAZOLINE-3-ONE**

ID: 2634-33-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-28 11:19:08**%: **0.0200 - 0.0400** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Antimicrobial Pesticide**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
AQU	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
SKI	EU - GHS (H-Statements)	H315 - Causes skin irritation
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKI	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE	EU - GHS (H-Statements)	H318 - Causes serious eye damage

SUBSTANCE NOTES: In can preservative

**POLYOXYL STEARYL ETHER**

ID: 9005-00-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-01-04 14:31:53**%: **0.0050 - 0.0200** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Defoamer**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: deaerator emulsion siloxane

**OCTAMETHYLCYCLOTETRAILOXANE**

ID: 556-67-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-28 11:19:09**%: **0.0010 - 0.0050** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Defoamer**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MUL	US EPA - PPT Chemical Action Plans	TSCA Work Plan chemical - Action Plan in development
END	ChemSec - SIN List	Endocrine Disruption
PBT	EU - ESIS PBT	Under PBT evaluation
PBT	OR DEQ - Priority Persistent Pollutants	Priority Persistent Pollutant - Tier 1
REP	EU - GHS (H-Statements)	H361f - Suspected of damaging fertility
MUL	US EPA - PPT Chemical Action Plans	TSCA Work Plan chemical - ongoing chemical (risk) assessment
PBT	EC - CEPA DSL	Persistent, Bioaccumulative and inherently Toxic (PBiTE) to the Environment (based on aquatic organisms)
PBT	EC - CEPA DSL	Persistent, Bioaccumulative and inherently Toxic (PBiTH) to humans
MUL	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
END	EU - Priority Endocrine Disruptors	Category 1 - In vivo evidence of Endocrine Disruption Activity
PBT	EU - SVHC Authorisation List	PBT - Candidate list
PBT	EU - SVHC Authorisation List	vPvB - Candidate list

SUBSTANCE NOTES: <1% of highly effective and compatible deaerator emulsion siloxane. Outstandingly effective against micro- and macro-foam.

## TITANIUM DIOXIDE

ID: 13463-67-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-06-30 12:12:18**

#: **0.0000 - 20.0000** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	EU - GHS (H-Statements)	H351 - Suspected of causing cancer
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CAN	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CAN	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

SUBSTANCE NOTES:

## 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	astm d5116		
CERTIFYING PARTY: Self-declared APPLICABLE FACILITIES: Monopole Facility CERTIFICATE URL:	ISSUE DATE: 2022-01-04	EXPIRY DATE: 2024-01-04	CERTIFIER OR LAB: Monopole In House Lab
CERTIFICATION AND COMPLIANCE NOTES: This test has not been completed			
VOC CONTENT	astm 2369		
CERTIFYING PARTY: Self-declared APPLICABLE FACILITIES: Monopole Lab CERTIFICATE URL:	ISSUE DATE: 2021-06-30	EXPIRY DATE: 2022-06-30	CERTIFIER OR LAB: Monopole Lab, Rico Cordura
CERTIFICATION AND COMPLIANCE NOTES: White Base Voc: 60 g/L			
VOC CONTENT	ASTM D6886-14e1		
CERTIFYING PARTY: Self-declared APPLICABLE FACILITIES: Monopole Facility CERTIFICATE URL:	ISSUE DATE: 2021-07-21	EXPIRY DATE: 2023-07-21	CERTIFIER OR LAB: Monopole Lab
CERTIFICATION AND COMPLIANCE NOTES: Material g/L: 8 Regulatory g/L: 5			

## 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.

<b>MONOBOND PRIMER</b>	HPD URL: <a href="https://secureservercdn.net/72.167.241.180/029.1eb.myftpupload.com/wp-content/uploads/2017/05/Monobond-Primer-HPD.pdf">https://secureservercdn.net/72.167.241.180/029.1eb.myftpupload.com/wp-content/uploads/2017/05/Monobond-Primer-HPD.pdf</a>
<b>CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:</b> Use Monobond Primer with Epoxyguard Enamel when topcoating acrylic/latex paints, wood, concrete or cured stucco.	

## Section 5: General Notes

EPOXYGUARD ENAMEL is a one component water-based pre-catalyzed epoxy. It is formulated to create a very tough and durable finish for all properly prepared and primed vertical concrete, masonry, drywall, plaster, metal and wood surfaces. EPOXYGUARD ENAMEL is highly resistant to scuffing, peeling, and fading.

Features: Durable Acrylic Urethane, Fast Drying, Hard Finish, Non-Blocking, Anti-Microbial, Scrubable & Washable, Hand Oil & Chemical Resistant, Resists Dirt Pick Up, Flash Rust Inhibitive, Slip Resistant

Perfect For: Entry Doors, Hand Rails, Cabinets, Furniture, DTM Applications, Clear Coating

**MANUFACTURER INFORMATION**

MANUFACTURER: **Monopole, Inc.**  
 ADDRESS: **4661 Alger Street**  
**Los Angeles CA 90039, United States**  
 WEBSITE: **www.monopoleinc.com**

CONTACT NAME: **Angela Wooddell**  
 TITLE: **LEED Administrator**  
 PHONE: **18185008585**  
 EMAIL: **angela@monopoleinc.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**

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

**GreenScreen (GS)**

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-1</b> List Translator 1 (Likely Benchmark-1)
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-UNK</b> List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	
<b>BM-U</b> Benchmark Unspecified (due to insufficient data)	
<b>LT-P1</b> List Translator Possible 1 (Possible Benchmark-1)	<b>NoGS</b> No GreenScreen.

**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 for compliance with the HPD standard noted.*