12-900XI SPEEDHIDE Pro-EV Zero Primer/Sealer by PPG Architectural Finishes

Health Product Declaration v2.1.1

created via: HPDC Online Builder

CLASSIFICATION: 09 91 23 Interior Painting

PRODUCT DESCRIPTION: SPEEDHIDE® Pro-EV Zero Interior Latex Primer is a durable, quality interior vinyl acrylic sealer/primer designed for new and repaint applications where speed of application is important in both the commercial and multi-family markets. This zero-VOC**, low odor paint enables a space to be painted while occupied, delivering the durable product performance required. This product seals the surface to create an even, sound surface for the topcoat to be applied. It promotes adhesion to produce a tight bond between the paint and the surface to be painted. Recommended for use on properly prepared new or previously painted wallboard and wood. **Colorants added to base paints may increase the VOC significantly depending on color choice. However PPG offers a low VOC line of colorants which, if used even at maximum tint load in any color, contributes less than 8 g/L of VOC to the final tinted product.



Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format C Nested Materials Method Basic Method

Threshold Disclosed Per

O	Material
\odot	Product

Threshold level

C 100 ppm € 1,000 ppm Per GHS SDS

C Per OSHA MSDS

C Other

Residuals/Impurities

Considered

C Partially Considered

Not Considered

Explanation(s) provided for Residuals/Impurities? • Yes • No

All Substances Above the Threshold Indicated Are:

O Yes Ex/SC O Yes O No Characterized

% 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

12-900XI SPEEDHIDE PRO-EV ZERO PRIMER/SEALER [WATER BM-4 KAOLIN CLAY LT-UNK | CAN VINYL ACETATE, POLYMER WITH N-BUTYL ACRYLATE LT-UNK TITANIUM DIOXIDE LT-1 | CAN | END POLYOXYETHYLENE BRANCHED C9 ALKYLPHENOL ETHER BM-1tp | END | MUL | REP | AQU | DEL UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK SILICIC ACID LT-UNK SODIUM BENZOATE LT-UNK SOLVENT-DEWAXED HEAVY PARAFFINIC PETROLEUM DISTILLATES LT-1 | CAN | MUL HYDROTREATED HEAVY PARAFFINIC PETROLEUM DISTILLATES (MINERAL OIL) LT-1 | CAN | MUL UNDISCLOSED LT-UNK POTASSIUM HYDROXIDE LT-P1 | SKI ALUMINA TRIHYDRATE BM-2 | RES]

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

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Substances representing 99.8% of the product weight meet the 1000 ppm threshold and are screened

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 0.0 Regulatory (g/l): 0.0 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: GreenGuard - Gold (previously Children & Schools) VOC emissions: GreenGuard - Indoor Air Quality Certified VOC content: SCAQMD Rule 1113 Architectural Coatings - Flats, floor coatings, non flat coatings, quick dry enamels, roof coatings only - 2007 amendments

CONSISTENCY WITH OTHER PROGRAMS

Third Party Verified?

PREPARER: Self-Prepared

C Yes
No

VERIFIER: VERIFICATION #: SCREENING DATE: 2019-09-26 PUBLISHED DATE: 2019-10-02 EXPIRY DATE: 2022-09-26



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 2.1.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-1-standard

12-900XI SPEEDHIDE PRO-EV ZERO PRIMER/SEALER

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: PPG's Product Stewardship and Hazard Communication program requires disclosure by our raw material suppliers of all components both intentional and residual, considered to be hazardous. PPG relies on the measurements of the raw material suppliers and the details of their disclosure in an extensive raw materials introduction process. Always refer to the Product label, Technical Data sheet (DS), and Safety Data Sheet (SDS) for all safety and detailed application instructions.

OTHER PRODUCT NOTES: NA

WATER ID: 7732-18-5 HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2019-09-26 %: 55.00 - 65.00 GS: **BM-4** ROLE: Thinner RC: None NANO: No HAZARD TYPE AGENCY AND LIST TITLES WARNINGS No warnings found on HPD Priority Hazard Lists None found

SUBSTANCE NOTES: Range listed represents standard manufacturing variability.

KAOLIN CLAY ID: 1332-58-7 HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2019-09-26 %: 20.00 - 30.00 GS: LT-UNK BOLE: Filler RC: None NANO: NO

WARNINGS

CANCER MAK Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: Range listed represents standard manufacturing variability.

AGENCY AND LIST TITLES

VINYL ACETATE, POLYMER WITH N-BUTYL ACRYLATE

ID: 25067-01-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-09-26

HAZARD TYPE

%: 5.00 - 10.00	GS: LT-UNK	RC: None	nano: No	ROLE: Binder
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No war	rnings found on HP	D Priority Hazard Lists

SUBSTANCE NOTES: Range listed represents standard manufacturing variability.

TITANIUM DIOXIDE

HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZARD SCREEN	ING DATE: 2019-0 9)-26
%: 1.00 - 5.00	GS: LT-1	RC: None	nano: No	ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen		
CANCER	CA EPA - Prop 65	Carcinogen -	specific to chemic	al form or exposure route
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled occupational sources		
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential End	ocrine Disruptor	
CANCER	MAK	•	Group 3A - Evidence ient to establish M	e of carcinogenic effects AK/BAT value
CANCER	MAK	Carcinogen G		otoxic carcinogen with low

SUBSTANCE NOTES: Range listed represents standard manufacturing variability. This product contains TiO2 which has been classified as a GHS Carcinogen Category 2 based on its IARC 2B classification. In this case, the TiO2 particles are bound in a matrix with no meaningful potential for human exposure to unbound particles of TiO2 when the product is applied with a brush or roller. Sanding the coating surface or mist from spray applications may be harmful depending on the duration and level of exposure and require the use of appropriate personal protective equipment and/or engineering controls (see Section 8).

POLYOXYETHYLENE BRANCHED C9 ALKYLPHENOL ETHER

ID: 68412-54-4

ID: 13463-67-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREEN	HAZARD SCREENING DATE: 2019-09-26		
%: 1.00 - 5.00	GS: BM-1tp	RC: None	NANO: No	ROLE: Additive	

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ENDOCRINE	OSPAR - Priority PBTs & EDs & equivalent concern	Endocrine Disruptor - Chemical for Priority Action
RESTRICTED LIST	US EPA - PPT Chemical Action Plans	EPA Chemical of Concern - Action Plan published
RESTRICTED LIST	US EPA - PPT Chemical Action Plans	TSCA Work Plan chemical - Action Plan in development
ENDOCRINE	ChemSec - SIN List	Endocrine Disruption
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
REPRODUCTIVE	US EPA - PPT Chemical Action Plans	Reproductive effects
CHRON AQUATIC	US EPA - PPT Chemical Action Plans	Highly toxic to aquatic organisms
DEVELOPMENTAL	US EPA - PPT Chemical Action Plans	Developmental Effects

SUBSTANCE NOTES: Range listed represents standard manufacturing variability.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREEN	HAZARD SCREENING DATE: 2019-09-26		
%: 0.10 - 1.00	GS: LT-UNK	RC: None	NANO: No	ROLE: Additive	
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS			
None found		No	warnings found or	n HPD Priority Hazard Lists	

SUBSTANCE NOTES: Range listed represents standard manufacturing variability. Identification of this substance is not being disclosed due to raw material supplier holding chemical substance as proprietary. For the purpose of this screen, PPG relies on extensive internal, external, and raw material supplier resources to assign CAS numbers that represent the chemical family and associated hazards.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-09-26		
%: 0.10 - 1.00	GS: LT-UNK	RC: None	nano: No	ROLE: Additive
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No	warnings found or	HPD Priority Hazard Lists

SUBSTANCE NOTES: Range listed represents standard manufacturing variability. Identification of this substance is not being disclosed due to raw material supplier holding chemical substance as proprietary. For the purpose of this screen, PPG relies on extensive internal, external, and raw material supplier resources to assign CAS numbers that represent the chemical family and associated hazards.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2019-09-26

%: 0.10 - 1.00	GS: LT-UNK	RC: None	nano: No	ROLE: Additive
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No w	arnings found on F	IPD Priority Hazard Lists

SUBSTANCE NOTES: Range listed represents standard manufacturing variability. Identification of this substance is not being disclosed due to raw material supplier holding chemical substance as proprietary. For the purpose of this screen, PPG relies on extensive internal, external, and raw material supplier resources to assign CAS numbers that represent the chemical family and associated hazards.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREEN	HAZARD SCREENING DATE: 2019-09-26		
%: 0.10 - 1.00	GS: LT-UNK	RC: None	NANO: No	ROLE: Additive	
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS			
None found		No	warnings found or	n HPD Priority Hazard Lists	

SUBSTANCE NOTES: Range listed represents standard manufacturing variability. Identification of this substance is not being disclosed due to raw material supplier holding chemical substance as proprietary. For the purpose of this screen, PPG relies on extensive internal, external, and raw material supplier resources to assign CAS numbers that represent the chemical family and associated hazards.

SILICIC ACID ID: 1343-98-2

HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZARD SCREEN	IING DATE: 2019-09	9-26
%: 0.10 - 1.00	GS: LT-UNK	RC: None	NANO: No	ROLE: Additive
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No	warnings found or	n HPD Priority Hazard Lists

SUBSTANCE NOTES: Range listed represents standard manufacturing variability.

SODIUM BENZOATE ID: 532-32-1

HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZARD SCREEN	ING DATE: 2019-0 9	9-26
%: 0.10 - 1.00	GS: LT-UNK	RC: None	NANO: No	ROLE: Additive
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No	warnings found or	n HPD Priority Hazard Lists

SUBSTANCE NOTES: Range listed represents standard manufacturing variability.

SOLVENT-DEWAXED HEAVY PARAFFINIC PETROLEUM DISTILLATES

ID: 64742-65-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-09-26

%: 0.10 - 1.00	GS: LT-1	RC: None NANO: No ROLE: Additive
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	EU - GHS (H-Statements)	H350 - May cause cancer
CANCER	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
CANCER	GHS - Australia	H350 - May cause cancer

SUBSTANCE NOTES: Range listed represents standard manufacturing variability.

HYDROTREATED HEAVY PARAFFINIC PETROLEUM DISTILLATES (MINERAL OIL)

ID: 64742-54-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2019-09-26			
%: 0.10 - 1.00	GS: LT-1	RC: None NANO: No ROLE: Additive			
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS			
CANCER	EU - GHS (H-Statements)	H350 - May cause cancer			
CANCER	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man			
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant			
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence			
CANCER	GHS - Australia	H350 - May cause cancer			

SUBSTANCE NOTES: Range listed represents standard manufacturing variability.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREEN	HAZARD SCREENING DATE: 2019-09-26		
%: 0.10 - 1.00	GS: LT-UNK	RC: None	nano: No	ROLE: Additive	
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS			
None found		No warnings found on HPD Priority Hazard Lists			

SUBSTANCE NOTES: Range listed represents standard manufacturing variability. Identification of this substance is not being disclosed due to raw material supplier holding chemical substance as proprietary. For the purpose of this screen, PPG relies on extensive internal, external, and raw material supplier resources to assign CAS numbers that represent the chemical family and associated hazards.

POTASSIUM HYDROXIDE ID: 1310-58-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREEN	HAZARD SCREENING DATE: 2019-09-26		
%: 0.10 - 1.00	GS: LT-P1	RC: None	NANO: No	ROLE: Additive	
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS			
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes	H314 - Causes severe skin burns and eye damage		

ALUMINA TRIHYDRATE ID: 21645-51-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREEN	HAZARD SCREENING DATE: 2019-09-26		
%: 0.10 - 1.00	GS: BM-2	RC: None	nano: No	ROLE: Additive	
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS			
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Re	Asthmagen (Rs) - sensitizer-induced		

SUBSTANCE NOTES: Range listed represents standard manufacturing variability.

SUBSTANCE NOTES: Range listed represents standard manufacturing variability.



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

GreenGuard - Gold (previously Children & Schools)

ISSUE DATE: 2017-CERTIFYING PARTY: Third Party EXPIRY DATE: 2020-CERTIFIER OR LAB: UL 07-27 02-07 APPLICABLE FACILITIES: All Environment

CERTIFICATION AND COMPLIANCE NOTES: Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using a Classroom Environment with an air change of 0.82 hr and a loading of 94.60 m².; and Wall finishes are determined compliant in accordance with California Department of Public Health (CDPH) Standard Method V1.2-2017 using an Office Environment with an air change of 0.68 hr and a loading of 33.40 m². Product tested in accordance with UL 2821 test method to show compliance to emission limits on UL 2818. Section 7.1 and 7.2.

VOC EMISSIONS

GreenGuard - Indoor Air Quality Certified

CERTIFYING PARTY: Third Party ISSUE DATE: 2017-EXPIRY DATE: 2020-CERTIFIER OR LAB: UL APPLICABLE FACILITIES: All 07-27 02-07 **Environment**

CERTIFICATE URL: https://spot.ul.com/

CERTIFICATE URL: https://spot.ul.com/

CERTIFICATION AND COMPLIANCE NOTES: Wall finishes are determined compliant using an Office Environment with an air change of 0.68 hr and a loading of 33.40 m². Products tested in accordance with UL 2821 test method to show compliance to emission limits in UL 2818, Section 7.1.

VOC CONTENT

SCAQMD Rule 1113 Architectural Coatings - Flats, floor coatings, non flat coatings, quick dry enamels, roof coatings only - 2007 amendments

CERTIFYING PARTY: Self-declared ISSUE DATE: 2019-EXPIRY DATE: CERTIFIER OR LAB: None

APPLICABLE FACILITIES: All 09-27

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: VOC content is a calculated value based on EPA Method 24.



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.

PPG NEXT GENERATION COLORANT SYSTEM

HPD URL: no HPD available

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

PPG Next Generation Colorant System is a low VOC line of colorants composed of 12 tints which can be combined to create over 6000 colors. When added to SPEEDHIDE Pro-EV Zero base paints at maximum tint load for any color, the Next Generation tints contribute less than 8 g/L of VOC to the final tinted product.

Section 5: General Notes

Some of the information contained in this Health Product Declaration form has been provided by the Health Product Declaration tool(s) and may not be the same as the information contained in PPG's Safety Data Sheet ("SDS") for this product. Users of this product should review PPG's SDS before using this product and follow all instructions and directions provided by PPG.

MANUFACTURER INFORMATION

MANUFACTURER: PPG Architectural Finishes

ADDRESS: One PPG Place Pittsburgh PA 15272, USA WEBSITE: www.ppg.com

CONTACT NAME: Architectural Coatings Technical

Advice Center

TITLE: Technical Advisor PHONE: 1-800-441-9695

EMAIL: techservicerequests@ppg.com

LT-P1 List Translator Possible Benchmark 1

LT-UNK List Translator Benchmark Unknown (insufficient

information from List Translator lists to benchmark)

NoGS Unknown (no data on List Translator Lists)

LT-1 List Translator Likely Benchmark 1

KEY

OSHA MSDS Occupational Safety and Health Administration Material Safety Data Sheet GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Hazard Types

AQU Aquatic toxicity **CAN** Cancer **DEV** Developmental toxicity **END** Endocrine activity

EYE Eye irritation/corrosivity

GEN Gene mutation

GLO Global warming

MAM Mammalian/systemic/organ toxicity

MUL Multiple hazards **NEU** Neurotoxicity **OZO** Ozone depletion

PBT Persistent Bioaccumulative Toxic

PHY Physical Hazard (reactive) **REP** Reproductive toxicity

RES Respiratory sensitization

SKI Skin sensitization/irritation/corrosivity

LAN Land Toxicity

NF Not found on Priority Hazard Lists

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)

BM-3 Benchmark 3 (use but still opportunity for improvement) BM-2 Benchmark 2 (use but search for safer substitutes)

BM-1 Benchmark 1 (avoid - chemical of high concern)

BM-U Benchmark Unspecified (insuficient data to benchmark)

Recycled Types

PreC Preconsumer (Post-Industrial)

PostC Postconsumer

Both Both Preconsumer and Postconsumer Unk Inclusion of recycled content is unknown None Does not include recycled content

Other Terms

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.