

HPD UNIQUE IDENTIFIER: 29948

CLASSIFICATION: 09 91 23 Interior Painting

PRODUCT DESCRIPTION: Speedhide Pro EV Zero Interior Wall & Ceiling Latex Eggshell is a durable, quality interior vinyl acrylic paint designed for new and repaint applications where speed of application is most important in both the commercial and multi-family markets. This zero-VOC, low odor paint enables a space to be painted while occupied while delivering the durable product performance required. Speedhide Pro EV Zero Interior Wall & Ceiling paint has good adhesion, touch-up and application properties on walls, ceilings and trim surfaces. Speedhide Pro EV Zero is recommended on interior walls, ceilings and trim where an eggshell finish is desirable.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

| Inventory Reporting Format  | Threshold Level   | Residuals/Impurities Evaluation  | For all contents above the threshold, the manufacturer has:  |
|---|---|--|--|
| <input type="radio"/> Nested Materials Method<br><input checked="" type="radio"/> Basic Method        | <input type="radio"/> 100 ppm<br><input checked="" type="radio"/> 1,000 ppm<br><input type="radio"/> Per GHS SDS<br><input type="radio"/> Other | <input checked="" type="radio"/> Completed<br><input type="radio"/> Partially Completed<br><input type="radio"/> Not Completed<br><br>Explanation(s) provided :<br><input checked="" type="radio"/> Yes <input type="radio"/> No | Characterized <input checked="" type="radio"/> Yes <input type="radio"/> No<br>Provided weight and role.<br>Screened <input checked="" type="radio"/> Yes <input type="radio"/> No<br>Provided screening results using HPDC-approved methods.<br>Identified <input checked="" type="radio"/> Yes <input type="radio"/> No<br>Provided name and CAS RN or other identifier. |
| Threshold Disclosed Per<br><input type="radio"/> Material<br><input checked="" type="radio"/> Product |   |  |  |

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.

PRODUCT | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY  
GREENSCREEN SCORE | HAZARD TYPE

12-340XI SPEEDHIDE PRO EV ZERO EGGSHELL ULTRA DEEP BASE [ WATER BM-4 CALCIUM CARBONATE BM-3dg 2-PROPENOIC ACID, BUTYL ESTER, POLYMER WITH ETHENYL ACETATE LT-UNK CLAY LT-UNK CAN | ALCOHOLS, C9-11, ETHOXYLATED PROPOXYLATED(NOTE: POLYMERIC SUBSTANCES MAY BE PLACED ON THE MARKET WITH A RANGE OF MOLECULAR WEIGHTS WHICH WILL AFFECT THE TOXICOLOGICAL PROPERTIES OF THE SUBSTANCE. THE CLASSIFICATIONS NEED NOT APPLY IF IT CAN BE SHOWN THAT THE SUBSTANCE PLACED ON THE MARKET DOES NOT MEET THE CRITERIA FOR CLASSIFICATION; NOTE 2: THE CLASSIFICATION FOR SKIN IRRITATION NEED NOT APPLY IF IT CAN BE SHOWN THAT THERE ARE LESS THAN FOUR OR MORE THAN 21 ETHOXYLATE UNITS) LT-UNK | SKI | MAM | AQU | EYE ALCOHOLS, C12-14-SECONDARY, ETHOXYLATED LT-UNK | EYE | SKI | AQU CELLULOSE, 2-HYDROXYETHYL ETHER LT-P1 | END HEXANEDIOIC ACID, POLYMER WITH 2,2-DIMETHYL-1,3-PROPANEDIOL, 1,2-ETHANEDIAMINE, α-HYDRO-ω-HYDROXPOLY(OXY-1,4-BUTANEDIYL), 3-HYDROXY-2-(HYDROXYMETHYL)-2-METHYLPROPANOIC ACID AND 1,1'-METHYLENEBIS[4-ISOCYANATOCYCLOHEXANE], COMPD. WITH 2-(DIMETHYLAMINO)ETHA LT-UNK | HEXANOIC ACID, 2-ETHYL-, 1,2-ETHANEDIYLBIS(OXY-2,1-ETHANEDIYL) ESTER LT-UNK SEPIOLITE LT-UNK | CAN DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC LT-1 | CAN | MUL | SKI | | DEV QUARTZ BM-1 | CAN | | MAM | GEN OXIRANE, 2-ETHYL-, POLYMER WITH OXIRANE, MONO-C11-15-SEC-ALKYL ETHERS NoGS DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC LT-1 | CAN | MUL | SKI | | DEV 2,5-FURANDIONE, POLYMER WITH 2,4,4-TRIMETHYLPENTENE, SODIUM SALT LT-UNK | 1,2-

Number of Greenscreen BM-4/BM3 contents ... 2

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1, LT-1, BM-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Substances representing 99.98% of the product weight meet the 1000ppm threshold and are screened.

BENZISOTHIAZOL-3(2H)-ONE LT-P1 | SKI | MUL | AQU | EYE | MAM  
3(2H)-ISOTHIAZOLONE, 2-METHYL- BM-2 | END | SKI | MUL | AQU |  
MAM | EYE AMORPHOUS SILICA BM-1 | CAN | | MAM CARBAMIC  
ACID, BUTYL-, 3-iodo-2-propynyl ester BM-2 | END | SKI | MUL |  
MAM | AQU | EYE NITRIC ACID SODIUM SALT LT-P1 | END | | MAM |  
GEN | EYE | PHY POLY(OXY-1,2-ETHANEDIYL), α-HYDRO-ω-  
HYDROXY- LT-UNK | POLY(OXY-1,2-ETHANEDIYL), α-ISODECYL-ω-  
HYDROXY- LT-UNK | SKI | EYE POTASSIUM HYDROXIDE LT-P1 | SKI |  
| MAM | EYE SILOXANES AND SILICONES, DI-ME, REACTION  
PRODUCTS WITH SILICA LT-UNK | TITANIUM DIOXIDE LT-1 | CAN |  
END | | MAM ]

#### VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 0 Regulatory (g/l): 0  
Does the product contain exempt VOCs: No  
Are colorants available that do not increase the VOC content of the  
base paint when tinted: Yes

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

VOC emissions: GreenGuard  
VOC emissions: GreenGuard Gold  
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

No pre-checks completed or disclosed.

Third Party Verified?

Yes

No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2022-09-26

PUBLISHED DATE: 2022-09-26

EXPIRY DATE: 2025-09-26

## 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 2.3, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-3-standard](http://www.hpd-collaborative.org/hpd-2-3-standard)

### 12-340XI SPEEDHIDE PRO EV ZERO EGGSHELL ULTRA DEEP BASE

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: Residual and impurities were considered based on direct testing via appropriate method such as HPLC for PPG manufactured raw materials or by supplier disclosure letters for purchased raw materials which were typically supplied referencing a 1000ppm threshold. No residuals or impurities are expected to be present at or above the Content Inventory Threshold that return a GreenScreen score of BM-1, LT-1, LT-P1 or NoGS.

OTHER PRODUCT NOTES: None

#### WATER

ID: 7732-18-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-09-26 16:33:53

#: 50.0000 - 60.0000 GreenScreen: BM-4 RC: None NANO: No SUBSTANCE ROLE: Solvent

| HAZARD TYPE         | AGENCY AND LIST TITLES                       | WARNINGS  |
|---------------------|--|---|
| None found          |  | No warnings found on HPD Priority Hazard Lists  |
| ADDITIONAL LISTINGS | AGENCY                                       | NOTIFICATION  |
| EXEMPT              | European Union / European Commission (EU EC) | EU - REACH Exemptions<br>Exempted from REACH Annex IV listing due to intrinsic safety |
| POSITIVE LIST       | US Environmental Protection Agency (US EPA)  | US EPA - DfE SCIL<br>Green Circle - Verified Low Concern                              |

SUBSTANCE NOTES: Range listed represents standard manufacturing variability.

#### CALCIUM CARBONATE

ID: 1317-65-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-09-26 16:33:53

#: 23.0000 - 30.0000 GreenScreen: BM-3dg RC: None NANO: No SUBSTANCE ROLE: Filler

| HAZARD TYPE         | AGENCY AND LIST TITLES                      | WARNINGS   |
|---------------------|---|--|
| None found          |   | No warnings found on HPD Priority Hazard Lists           |
| ADDITIONAL LISTINGS | AGENCY                                      | NOTIFICATION   |
| POSITIVE LIST       | US Environmental Protection Agency (US EPA) | US EPA - DfE SCIL<br>Green Circle - Verified Low Concern |

SUBSTANCE NOTES: Range listed represents standard manufacturing variability.

**2-PROPENOIC ACID, BUTYL ESTER, POLYMER WITH ETHENYL ACETATE**

ID: 25067-01-0

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-09-26 16:33:54**

%: **14.0000 - 18.0000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

| HAZARD TYPE         | AGENCY AND LIST TITLES | WARNINGS                                     |
|---------------------|------------------------|--|
|                     | EC - CEPA DSL          | Persistent                                   |
| ADDITIONAL LISTINGS | AGENCY                 | NOTIFICATION                                 |
| None found          |                        | No listings found on Additional 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 screening, PPG relies on extensive internal, external, and raw material supplier resources to assign CAS numbers that represent the chemical family and associated hazards.

**CLAY**

ID: 1332-58-7

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-09-26 16:33:55**

%: **1.0000 - 3.0000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

| HAZARD TYPE         | AGENCY AND LIST TITLES                      | WARNINGS   |
|---------------------|---|--|
| CAN                 | MAK   | Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification |
|                     | EC - CEPA DSL                               | Persistent   |
| ADDITIONAL LISTINGS | AGENCY                                      | NOTIFICATION   |
| POSITIVE LIST       | US Environmental Protection Agency (US EPA) | US EPA - DfE SCIL<br>Green Circle - Verified Low Concern                                     |

SUBSTANCE NOTES: Range listed represents standard manufacturing variability.

**ALCOHOLS, C9-11, ETHOXYLATED PROPOXYLATED(NOTE: POLYMERIC SUBSTANCES MAY BE PLACED ON THE MARKET WITH A RANGE OF MOLECULAR WEIGHTS WHICH WILL AFFECT THE TOXICOLOGICAL PROPERTIES OF THE SUBSTANCE. THE CLASSIFICATIONS NEED NOT APPLY IF IT CAN BE SHOWN THAT THE SUBSTANCE PLACED ON THE MARKET DOES NOT MEET THE CRITERIA FOR CLASSIFICATION; NOTE 2: THE CLASSIFICATION FOR SKIN IRRITATION NEED NOT APPLY IF IT CAN BE SHOWN THAT THERE ARE LESS THAN FOUR OR MORE THAN 21 ETHOXYLATE UNITS)**

ID: 103818-93-5

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-09-26 16:33:55**

%: **0.6000 - 1.0000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Surfactant**

| HAZARD TYPE         | AGENCY AND LIST TITLES | WARNINGS  |
|---------------------|------------------------|---|
| SKI                 | GHS - Australia        | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]  |
| MAM                 | GHS - Australia        | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1] |
| AQU                 | GHS - New Zealand      | Hazardous to the aquatic environment - acute category 1   |
| AQU                 | GHS - New Zealand      | Hazardous to the aquatic environment - chronic category 1   |
| EYE                 | GHS - Australia        | H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]   |
| ADDITIONAL LISTINGS | AGENCY                 | NOTIFICATION  |
| None found          |                        | No listings found on Additional 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 screening, PPG relies on extensive internal, external, and raw material supplier resources to assign CAS numbers that represent the chemical family and associated hazards.

#### ALCOHOLS, C12-14-SECONDARY, ETHOXYLATED

ID: 84133-50-6

| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |   | HAZARD SCREENING DATE: 2022-09-26 16:33:56                             |          |                            |
|---|---|--|----------|----------------------------|
| %: 0.3000 - 0.6000  | GreenScreen: LT-UNK                         | RC: None   | NANO: No | SUBSTANCE ROLE: Surfactant |
| HAZARD TYPE   | AGENCY AND LIST TITLES                      | WARNINGS   |          |                            |
| EYE   | GHS - New Zealand                           | Eye irritation category 2  |          |                            |
| SKI   | GHS - Australia                             | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2] |          |                            |
| AQU   | GHS - New Zealand                           | Hazardous to the aquatic environment - acute category 1                |          |                            |
| AQU   | GHS - New Zealand                           | Hazardous to the aquatic environment - chronic category 1              |          |                            |
| ADDITIONAL LISTINGS                                       | AGENCY                                      | NOTIFICATION   |          |                            |
| POSITIVE LIST   | US Environmental Protection Agency (US EPA) | US EPA - DfE SCIL<br><br>Green Circle - Verified Low Concern           |          |                            |

**SUBSTANCE NOTES:** Range listed represents standard manufacturing variability.

#### CELLULOSE, 2-HYDROXYETHYL ETHER

ID: 9004-62-0

| HAZARD DATA SOURCE: Pharos Chemical and Materials Library |                    | HAZARD SCREENING DATE: 2022-09-26 16:33:56 |          |                                    |
|---|--------------------|--|----------|------------------------------------|
| %: 0.3000 - 0.6000  | GreenScreen: LT-P1 | RC: None                                   | NANO: No | SUBSTANCE ROLE: Viscosity modifier |

| HAZARD TYPE         | AGENCY AND LIST TITLES                      | WARNINGS   |
|---------------------|---|--|
| END                 | TEDX - Potential Endocrine Disruptors       | Potential Endocrine Disruptor                            |
| ADDITIONAL LISTINGS | AGENCY                                      | NOTIFICATION   |
| POSITIVE LIST       | US Environmental Protection Agency (US EPA) | US EPA - DfE SCIL<br>Green Circle - Verified Low Concern |

SUBSTANCE NOTES: Range listed represents standard manufacturing variability.

**HEXANEDIOIC ACID, POLYMER WITH 2,2-DIMETHYL-1,3-PROPANEDIOL, 1,2-ETHANEDIAMINE, α-HYDRO-ω-HYDROXYPOLY(OXY-1,4-BUTANEDIYL), 3-HYDROXY-2-(HYDROXYMETHYL)-2-METHYLPROPANOIC ACID AND 1,1'-METHYLENEBIS[4-ISOCYANATOCYCLOHEXANE], COMPD. WITH 2-(DIMETHYLAMINO)ETHA**

ID: 71195-81-8

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-09-26 16:33:57**

%: **0.2000 - 0.6000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Viscosity modifier**

| HAZARD TYPE         | AGENCY AND LIST TITLES | WARNINGS                                     |
|---------------------|------------------------|--|
|                     | EC - CEPA DSL          | Persistent                                   |
| ADDITIONAL LISTINGS | AGENCY                 | NOTIFICATION                                 |
| None found          |                        | No listings found on Additional 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 screening, PPG relies on extensive internal, external, and raw material supplier resources to assign CAS numbers that represent the chemical family and associated hazards.

**HEXANOIC ACID, 2-ETHYL-, 1,2-ETHANEDIYLBIS(OXY-2,1-ETHANEDIYL) ESTER**

ID: 94-28-0

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-09-26 16:33:58**

%: **0.3000 - 0.6000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Coalescent**

| HAZARD TYPE         | AGENCY AND LIST TITLES | WARNINGS                                       |
|---------------------|------------------------|--|
| None found          |                        | No warnings found on HPD Priority Hazard Lists |
| ADDITIONAL LISTINGS | AGENCY                 | NOTIFICATION                                   |
| None found          |                        | No listings found on Additional Hazard Lists   |

SUBSTANCE NOTES: Range listed represents standard manufacturing variability.

**SEPIOLITE**

ID: 63800-37-3

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-09-26 16:33:58**

%: **0.3000 - 0.6000** GreenScreen: **LT-UNK** 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 |
| ADDITIONAL LISTINGS | AGENCY                 | NOTIFICATION   |
| None found          |                        | No listings found on Additional Hazard Lists   |

SUBSTANCE NOTES: Range listed represents standard manufacturing variability.

**DISTILLATES (PETROLEUM), SOLVENT-DEWAXED HEAVY PARAFFINIC**

ID: **64742-65-0**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-09-26 16:34:01**

%: **0.1000 - 0.3000** GreenScreen: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Defoamer**

| HAZARD TYPE         | AGENCY AND LIST TITLES                    | WARNINGS   |
|---------------------|---|--|
| CAN                 | EU - REACH Annex XVII CMRs                | Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man |
| CAN                 | EU - Annex VI CMRs                        | Carcinogen Category 1B - Presumed Carcinogen based on animal evidence                          |
| MUL                 | ChemSec - SIN List                        | CMR - Carcinogen, Mutagen &/or Reproductive Toxicant   |
| CAN                 | GHS - Australia                           | H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]                                  |
| CAN                 | EU - GHS (H-Statements) Annex 6 Table 3-1 | H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]                                  |
| SKI                 | GHS - Australia                           | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                         |
|                     | EC - CEPA DSL                             | Persistent   |
| DEV                 | GHS - Australia                           | H361d - Suspected of damaging the unborn child [Reproductive toxicity - Category 2]            |
| ADDITIONAL LISTINGS | AGENCY                                    | NOTIFICATION   |
| None found          |   | No listings found on Additional 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 screening, PPG relies on extensive internal, external, and raw material supplier resources to assign CAS numbers that represent the chemical family and associated hazards.

**QUARTZ**

ID: **14808-60-7**

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-09-26 16:33:59**

%: **0.1000 - 0.3000** GreenScreen: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

| HAZARD TYPE         | AGENCY AND LIST TITLES            | WARNINGS  |
|---------------------|-----------------------------------|---|
| CAN                 | US CDC - Occupational Carcinogens | Occupational Carcinogen   |
| CAN                 | CA EPA - Prop 65                  | Carcinogen - specific to chemical form or exposure route  |
| CAN                 | US NIH - Report on Carcinogens    | Known to be Human Carcinogen (respirable size - occupational setting)   |
| CAN                 | MAK                               | Carcinogen Group 1 - Substances that cause cancer in man  |
| CAN                 | IARC                              | Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources   |
| CAN                 | IARC                              | Group 1 - Agent is Carcinogenic to humans   |
| CAN                 | GHS - Japan                       | H350 - May cause cancer [Carcinogenicity - Category 1A]   |
| CAN                 | GHS - Australia                   | H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]  |
| CAN                 | GHS - New Zealand                 | Carcinogenicity category 1  |
|                     | EC - CEPA DSL                     | Persistent  |
| MAM                 | GHS - Japan                       | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| GEN                 | GHS - Japan                       | H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]   |
| MAM                 | GHS - Australia                   | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]                   |
| MAM                 | GHS - New Zealand                 | Specific target organ toxicity - repeated exposure category 1   |
| ADDITIONAL LISTINGS | AGENCY                            | NOTIFICATION  |
| None found          |                                   | No listings found on Additional Hazard Lists  |

SUBSTANCE NOTES: Range listed represents standard manufacturing variability.

**OXIRANE, 2-ETHYL-, POLYMER WITH OXIRANE, MONO-C11-15-SEC-ALKYL ETHERS**

ID: 1022990-65-3

| HAZARD DATA SOURCE: <b>Pharos Chemical and Materials Library</b> |                          | HAZARD SCREENING DATE: <b>2022-09-26 16:34:00</b> |                 |                                   |
|--|--------------------------|---|-----------------|-----------------------------------|
| %: <b>0.1000 - 0.3000</b>  | GreenScreen: <b>NoGS</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    |                 |                                   |
| ADDITIONAL LISTINGS  | AGENCY                   | NOTIFICATION                                      |                 |                                   |
| None found   |                          | No listings found on Additional 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 screening, PPG relies on extensive internal, external, and raw material supplier resources to assign CAS numbers that represent the chemical family and associated hazards.

**DISTILLATES (PETROLEUM), HYDROTREATED HEAVY PARAFFINIC**

ID: 64742-54-7

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-09-26 16:34:01**

%: **0.1000 - 0.3000** GreenScreen: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Defoamer**

| HAZARD TYPE         | AGENCY AND LIST TITLES                    | WARNINGS   |
|---------------------|---|--|
| CAN                 | EU - REACH Annex XVII CMRs                | Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man |
| CAN                 | EU - Annex VI CMRs                        | Carcinogen Category 1B - Presumed Carcinogen based on animal evidence                          |
| MUL                 | ChemSec - SIN List                        | CMR - Carcinogen, Mutagen &/or Reproductive Toxicant   |
| CAN                 | GHS - Australia                           | H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]                                  |
| CAN                 | EU - GHS (H-Statements) Annex 6 Table 3-1 | H350 - May cause cancer [Carcinogenicity - Category 1A or 1B]                                  |
| SKI                 | GHS - Australia                           | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]                         |
|                     | EC - CEPA DSL                             | Persistent   |
| DEV                 | GHS - Australia                           | H361d - Suspected of damaging the unborn child [Reproductive toxicity - Category 2]            |
| ADDITIONAL LISTINGS | AGENCY                                    | NOTIFICATION   |
| None found          |   | No listings found on Additional Hazard Lists   |

SUBSTANCE NOTES: Range listed represents standard manufacturing variability.

**2,5-FURANDIONE, POLYMER WITH 2,4,4-TRIMETHYLPENTENE, SODIUM SALT**

ID: 37199-81-8

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-09-26 16:33:59**

%: **0.1000 - 0.3000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Surfactant**

| HAZARD TYPE         | AGENCY AND LIST TITLES                      | WARNINGS   |
|---------------------|---|--|
|                     | EC - CEPA DSL                               | Persistent   |
| ADDITIONAL LISTINGS | AGENCY                                      | NOTIFICATION   |
| POSITIVE LIST       | US Environmental Protection Agency (US EPA) | US EPA - DfE SCIL<br><br>Green Circle - Verified Low Concern |

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 screening, PPG relies on extensive internal, external, and raw material supplier resources to assign CAS numbers that represent the chemical family and associated hazards.

**1,2-BENZISOTHIAZOL-3(2H)-ONE**

ID: 2634-33-5

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-09-26 16:34:02**

#: **0.0100 - 0.1000** GreenScreen: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Antimicrobial Pesticide**

| HAZARD TYPE | AGENCY AND LIST TITLES                      | WARNINGS  |
|-------------|---|---|
| SKI         | MAK   | Sensitizing Substance Sh - Danger of skin sensitization   |
| MUL         | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters  |
| SKI         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]  |
| AQU         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]                             |
| EYE         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]   |
| SKI         | GHS - New Zealand                           | Skin irritation category 2  |
| SKI         | GHS - Australia                             | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]  |
| EYE         | GHS - New Zealand                           | Serious eye damage category 1   |
| EYE         | GHS - Japan                                 | H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]                                       |
| SKI         | GHS - Japan                                 | H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]  |
| SKI         | GHS - New Zealand                           | Skin sensitisation category 1   |
| SKI         | GHS - Japan                                 | H317 - May cause an allergic skin reaction [Skin Sensitization - Category 1A]   |
| AQU         | GHS - New Zealand                           | Hazardous to the aquatic environment - acute category 1   |
| MAM         | GHS - Japan                                 | H371 - May cause damage to organs [Specific target organs/systemic toxicity following single exposure - Category 2]       |
| AQU         | GHS - Japan                                 | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]                             |
| AQU         | GHS - Japan                                 | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1] |
| AQU         | GHS - New Zealand                           | Hazardous to the aquatic environment - chronic category 1   |
| EYE         | GHS - Australia                             | H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]   |
| AQU         | GHS - Australia                             | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]                             |

| ADDITIONAL LISTINGS | AGENCY                                       | NOTIFICATION  |
|---------------------|--|---|
| RESTRICTED LIST     | Perkins+Will (P+W)                           | P&W - Precautionary List<br><br>Precautionary list of substances recommended for avoidance  |
| RESTRICTED LIST     | US Environmental Protection Agency (US EPA)  | US EPA - DfE SCIL<br><br>Yellow Triangle - best available in class but some hazard profile issues   |
| RESTRICTED LIST     | International Living Future Institute (ILFI) | Living Building Challenge 4.0 - Red List of Materials & Chemicals<br><br>Priority for Inclusion in the Living Building Challenge Red List |

SUBSTANCE NOTES: Range listed represents standard manufacturing variability.

### 3(2H)-ISOTHIAZOLONE, 2-METHYL-

ID: 2682-20-4

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-09-26 16:34:03**

%: **0.0100 - 0.1000** GreenScreen: **BM-2** RC: **None** NANO: **No** SUBSTANCE ROLE: **Antimicrobial Pesticide**

| HAZARD TYPE | AGENCY AND LIST TITLES                      | WARNINGS  |
|-------------|---|---|
| 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   |
| SKI         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]                      |
| AQU         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]                             |
| AQU         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1] |
| MAM         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H301 - Toxic if swallowed [Acute toxicity (oral) - Category 3]  |
| MAM         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H311 - Toxic in contact with skin [Acute toxicity (dermal) - Category 3]  |
| EYE         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]   |
| MAM         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H330 - Fatal if inhaled [Acute toxicity (inhalation) - Category 1 or 2]   |
| SKI         | GHS - Australia                             | H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]                      |
| AQU         | GHS - Australia                             | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1] |
| AQU         | GHS - Korea                                 | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]                             |

|                     |   |   |
|---------------------|---|---|
| AQU                 | GHS - Korea   | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]                 |
| SKI                 | GHS - Korea   | H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1]   |
| MAM                 | GHS - Korea   | H301 - Toxic if swallowed [Acute toxicity (oral) - Category 3]  |
| MAM                 | GHS - Australia   | H301 - Toxic if swallowed [Acute toxicity (oral) - Category 3]  |
| MAM                 | GHS - Australia   | H311 - Toxic in contact with skin [Acute toxicity (dermal) - Category 3]  |
| MAM                 | GHS - Korea   | H330 - Fatal if inhaled [Acute toxicity (inhalation) - Category 2]  |
| SKI                 | GHS - Korea   | H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]  |
| MAM                 | GHS - Australia   | H330 - Fatal if inhaled [Acute toxicity (inhalation) - Category 1 or 2]   |
| MAM                 | GHS - Korea   | H310 - Fatal in contact with skin [Acute toxicity (dermal) - Category 1]  |
| ADDITIONAL LISTINGS | AGENCY  | NOTIFICATION  |
| RESTRICTED LIST     | Perkins+Will (P+W)                                      | P&W - Precautionary List<br><br>Precautionary list of substances recommended for avoidance  |
| RESTRICTED LIST     | US Environmental Protection Agency (US EPA)             | US EPA - DfE SCIL<br><br>Yellow Triangle - best available in class but some hazard profile issues   |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Cosmetics & Personal Care Products     |
| RESTRICTED LIST     | International Living Future Institute (ILFI)            | Living Building Challenge 4.0 - Red List of Materials & Chemicals<br><br>Priority for Inclusion in the Living Building Challenge Red List |

SUBSTANCE NOTES: Range listed represents standard manufacturing variability.

## AMORPHOUS SILICA

ID: 7631-86-9

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-09-26 16:34:03**

%: **0.0100 - 0.1000**

GreenScreen: **BM-1**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Viscosity modifier**

| HAZARD TYPE         | AGENCY AND LIST TITLES                      | WARNINGS  |
|---------------------|---|---|
| CAN                 | GHS - Japan                                 | H350 - May cause cancer [Carcinogenicity - Category 1A]   |
| CAN                 | GHS - Australia                             | H350i - May cause cancer by inhalation [Carcinogenicity - Category 1A or 1B]  |
|                     | EC - CEPA DSL                               | Persistent  |
| MAM                 | GHS - Japan                                 | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| MAM                 | GHS - Australia                             | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]                   |
| ADDITIONAL LISTINGS | AGENCY                                      | NOTIFICATION  |
| POSITIVE LIST       | US Environmental Protection Agency (US EPA) | US EPA - DfE SCIL<br>Green Circle - Verified Low Concern  |

SUBSTANCE NOTES: Range listed represents standard manufacturing variability.

**CARBAMIC ACID, BUTYL-, 3-iodo-2-propynyl ester**

ID: 55406-53-6

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-09-26 16:34:04**

%, **0.0100 - 0.1000** GreenScreen: **BM-2** RC: **None** NANO: **No** SUBSTANCE ROLE: **Antimicrobial Pesticide**

| HAZARD TYPE | AGENCY AND LIST TITLES                      | WARNINGS  |
|-------------|---|---|
| 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) Annex 6 Table 3-1   | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1] |
| AQU         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]   |
| AQU         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]               |
| MAM         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H331 - Toxic if inhaled [Acute toxicity (inhalation) - Category 3]  |
| EYE         | EU - GHS (H-Statements) Annex 6 Table 3-1   | H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]   |
| SKI         | GHS - Australia                             | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]  |
| MAM         | GHS - New Zealand                           | Specific target organ toxicity - repeated exposure category 1   |
| EYE         | GHS - New Zealand                           | Serious eye damage category 1   |
| MAM         | GHS - New Zealand                           | Acute inhalation toxicity category 3  |
| SKI         | GHS - New Zealand                           | Skin sensitisation category 1   |
| AQU         | GHS - New Zealand                           | Hazardous to the aquatic environment - acute category 1   |
| AQU         | GHS - Australia                             | H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]               |
| AQU         | GHS - New Zealand                           | Hazardous to the aquatic environment - chronic category 1   |
| MAM         | GHS - Australia                             | H331 - Toxic if inhaled [Acute toxicity (inhalation) - Category 3]  |
| EYE         | GHS - Australia                             | H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]   |

| ADDITIONAL LISTINGS | AGENCY   | NOTIFICATION  |
|---------------------|--|---|
| RESTRICTED LIST     | Perkins+Will (P+W)                                       | P&W - Precautionary List<br><br>Precautionary list of substances recommended for avoidance  |
| RESTRICTED LIST     | International Living Future Institute (ILFI)             | Living Building Challenge 4.0 - Red List of Materials & Chemicals<br><br>Watch List Substances Considered for Inclusion in the Living Building Challenge Red List |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Cosmetics & Personal Care Products                             |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Core Restrictions  |

SUBSTANCE NOTES: Range listed represents standard manufacturing variability.

### NITRIC ACID SODIUM SALT

ID: 7631-99-4

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-09-26 16:34:05**

%: **0.0100 - 0.1000** GreenScreen: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Corrosion inhibitor**

| HAZARD TYPE | AGENCY AND LIST TITLES                | WARNINGS  |
|-------------|---------------------------------------|---|
| END         | TEDX - Potential Endocrine Disruptors | Potential Endocrine Disruptor   |
|             | EC - CEPA DSL                         | Persistent  |
| MAM         | GHS - Japan                           | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| GEN         | GHS - Japan                           | H341 - Suspected of causing genetic defects [Germ cell mutagenicity - Category 2]   |
| MAM         | GHS - Japan                           | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]  |
| EYE         | GHS - Korea                           | H319 - Causes serious eye irritation [Serious eye damage/irritation - Category 2]   |
| PHY         | GHS - Korea                           | H272 - May intensify fire; oxidizer [Oxidizing solids - Category 2]   |

| ADDITIONAL LISTINGS | AGENCY                                      | NOTIFICATION  |
|---------------------|---|---|
| RESTRICTED LIST     | US Environmental Protection Agency (US EPA) | US EPA - DfE SCIL<br><br>Yellow Triangle - best available in class but some hazard profile issues |

SUBSTANCE NOTES: Range listed represents standard manufacturing variability.

**POLY(OXY-1,2-ETHANEDIYL),  $\alpha$ -HYDRO- $\omega$ -HYDROXY-**

ID: 25322-68-3

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-09-26 16:34:05**

%: **0.0100 - 0.1000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Surfactant**

| HAZARD TYPE         | AGENCY AND LIST TITLES                      | WARNINGS  |
|---------------------|---|---|
|                     | EC - CEPA DSL                               | Persistent  |
| ADDITIONAL LISTINGS | AGENCY                                      | NOTIFICATION  |
| POSITIVE LIST       | US Environmental Protection Agency (US EPA) | US EPA - DfE SCIL<br>Green Half-Circle - Expected Low Concern |

SUBSTANCE NOTES: Range listed represents standard manufacturing variability.

**POLY(OXY-1,2-ETHANEDIYL),  $\alpha$ -ISODECYL- $\omega$ -HYDROXY-**

ID: 61827-42-7

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-09-26 16:34:06**

%: **0.0100 - 0.1000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Viscosity modifier**

| HAZARD TYPE         | AGENCY AND LIST TITLES | WARNINGS  |
|---------------------|------------------------|---|
| SKI                 | GHS - Australia        | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]            |
| EYE                 | GHS - Australia        | H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1] |
| ADDITIONAL LISTINGS | AGENCY                 | NOTIFICATION  |
| None found          |                        | No listings found on Additional Hazard Lists                                      |

SUBSTANCE NOTES: Range listed represents standard manufacturing variability.

**POTASSIUM HYDROXIDE**

ID: 1310-58-3

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-09-26 16:34:07**

%: **0.0100 - 0.1000** GreenScreen: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Buffer**



| HAZARD TYPE         | AGENCY AND LIST TITLES                                   | WARNINGS  |
|---------------------|--|---|
| SKI                 | EU - GHS (H-Statements) Annex 6 Table 3-1                | H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]  |
|                     | EC - CEPA DSL  | Persistent  |
| MAM                 | GHS - Japan  | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| MAM                 | GHS - Japan  | H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]  |
| EYE                 | GHS - New Zealand  | Serious eye damage category 1   |
| EYE                 | GHS - Japan  | H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]   |
| SKI                 | GHS - Japan  | H314 - Causes severe skin burns and eye damage [Skin corrosion / irritation - Category 1]   |
| SKI                 | GHS - Australia  | H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]  |
| SKI                 | GHS - Korea  | H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1]   |
| SKI                 | GHS - New Zealand  | Skin corrosion category 1B  |
| MAM                 | GHS - Korea  | H301 - Toxic if swallowed [Acute toxicity (oral) - Category 3]  |
| MAM                 | GHS - New Zealand  | Acute oral toxicity category 3  |
| MAM                 | GHS - Japan  | H301 - Toxic if swallowed [Acute Toxicity (oral) - Category 3]  |
| ADDITIONAL LISTINGS | AGENCY   | NOTIFICATION  |
| POSITIVE LIST       | US Environmental Protection Agency (US EPA)              | US EPA - DfE SCIL<br><br>Green Circle - Verified Low Concern  |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CP II) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Cosmetics & Personal Care Products                     |

SUBSTANCE NOTES: Range listed represents standard manufacturing variability.

### SILOXANES AND SILICONES, DI-ME, REACTION PRODUCTS WITH SILICA

ID: 67762-90-7

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-09-26 16:34:07**

%: **0.0100 - 0.1000** GreenScreen: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Defoamer**

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

| ADDITIONAL LISTINGS  | AGENCY                                      | NOTIFICATION  |
|--|---|---|
| POSITIVE LIST  | US Environmental Protection Agency (US EPA) | US EPA - DfE SCIL<br><br>Green Half-Circle - Expected Low Concern |
| SUBSTANCE NOTES: Range listed represents standard manufacturing variability. |   |   |

**TITANIUM DIOXIDE**

ID: 13463-67-7

HAZARD DATA SOURCE: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2022-09-26 16:34:08**

%: **0.0100 - 0.1000** GreenScreen: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

| HAZARD TYPE | AGENCY AND LIST TITLES                    | WARNINGS  |
|-------------|---|---|
| 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  |
| CAN         | EU - GHS (H-Statements) Annex 6 Table 3-1 | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]   |
|             | EC - CEPA DSL                             | Persistent  |
| CAN         | GHS - Japan                               | H351 - Suspected of causing cancer [Carcinogenicity - Category 2]   |
| MAM         | GHS - Japan                               | H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1] |
| CAN         | EU - Annex VI CMRs                        | Carcinogen Category 2 - Suspected human Carcinogen  |

| ADDITIONAL LISTINGS | AGENCY  | NOTIFICATION  |
|---------------------|---|---|
| POSITIVE LIST       | US Environmental Protection Agency (US EPA)             | US EPA - DfE SCIL<br><br>Green Circle - Verified Low Concern  |
| RESTRICTED LIST     | Cradle to Cradle Products Innovation Institute (C2CPII) | C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022<br><br>Cosmetics & Personal Care Products |

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              |                      |
|--|-------------------------|----------------------|
| CERTIFYING PARTY: Third Party  | ISSUE DATE: 2017-07-27  | CERTIFIER OR LAB: UL |
| APPLICABLE FACILITIES: All   | EXPIRY DATE: 2023-02-07 |                      |
| CERTIFICATE URL: <a href="https://spot.ul.com/main-app/products/detail/5ad1f04355b0e82d946aba35?page_type=Products%20Catalog">https://spot.ul.com/main-app/products/detail/5ad1f04355b0e82d946aba35?page_type=Products%20Catalog</a> |                         |                      |
| CERTIFICATION AND COMPLIANCE NOTES: Certificate #96417-410   |                         |                      |

| VOC EMISSIONS  | GreenGuard Gold         |                      |
|--|-------------------------|----------------------|
| CERTIFYING PARTY: Third Party  | ISSUE DATE: 2017-07-27  | CERTIFIER OR LAB: UL |
| APPLICABLE FACILITIES: All   | EXPIRY DATE: 2023-02-07 |                      |
| CERTIFICATE URL: <a href="https://spot.ul.com/main-app/products/detail/5ad1f04355b0e82d946aba35?page_type=Products%20Catalog">https://spot.ul.com/main-app/products/detail/5ad1f04355b0e82d946aba35?page_type=Products%20Catalog</a> |                         |                      |
| CERTIFICATION AND COMPLIANCE NOTES: Certificate #96417-420   |                         |                      |

| 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: 2022-09-25  | CERTIFIER OR LAB: None |
| APPLICABLE FACILITIES: All  | EXPIRY DATE:  |                        |
| 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 FUTURITY AND HS COLORANTS

MANUFACTURER (OR GENERIC): PPG Industries

HPD URL: No HPD Available  
ACCESSORY TYPE: Colorant System  
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Colorants added to this base paint may increase VOC level significantly depending on color choice. However, PPG Futurity and PPG HS colorants (96-xxxXI, 96-xxx, 96-xxxx, 96-xxxxx), even if used at maximum tint load in any color, contributes 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, United States  
**WEBSITE:** [www.ppgac.com](http://www.ppgac.com)

**CONTACT NAME:** Steve McQuown  
**TITLE:** Senior Product Sustainability Specialist  
**PHONE:** 1-724-325-5074  
**EMAIL:** [mcquown@ppg.com](mailto:mcquown@ppg.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-P1</b> List Translator Possible 1 (Possible Benchmark-1) |
| <b>BM-3</b> Benchmark 3 (use but still opportunity for improvement) | <b>LT-1</b> List Translator 1 (Likely Benchmark-1)             |
| <b>BM-2</b> Benchmark 2 (use but search for safer substitutes)      | <b>LT-UNK</b> List Translator Benchmark Unknown                |
| <b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)          | <b>NoGS</b> No GreenScreen.                                    |
| <b>BM-U</b> 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](http://www.greenscreenchemicals.org), and Best Practices for Hazard Screening on the HPDC website ([hpd-collaborative.org](http://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 for compliance with the HPD standard noted.*