

# ECOS Interior Eggshell White Base KP by Imperial Paints, LLC

# Health Product Declaration v2.0

CLASSIFICATION: 09 91 23: INTERIOR PAINTING

created via: HPDC Online Builder

PRODUCT DESCRIPTION: THE ECOS INTERIOR EGGSHELL WHITE BASE KP PAINT IS A SELF-PRIMING, LOW SHEEN, PROTECTIVE FINISH THAT DRIES TO A HARD, DURABLE FILM. IDEAL FOR APPLICATION IN KITCHENS, BATHROOMS, AND OTHER HIGH MOISTURE AREAS.

## Section 1: Summary

### CONTENT INVENTORY

- Threshold per material
- 100 ppm
  - 1,000 ppm
  - Per GHS SDS
  - Per OSHA MSDS
  - Other

- Residuals and impurities considered in 1 of 1 materials
- see Section 2: Material Notes
  - see Section 5: General Notes

Based on the selected Content Inventory Threshold:

Characterized.....	<input checked="" type="radio"/>	<input type="radio"/>
Are the Percent Weight and Role provided for all substances?	Yes	No
Screened.....	<input checked="" type="radio"/>	<input type="radio"/>
Are all substances screened using Priority Hazard Lists with results disclosed?	Yes	No
Identified.....	<input type="radio"/>	<input checked="" type="radio"/>
Are all substances disclosed by Name (Specific or Generic) and Identifier?	Yes	No

### 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**

ECOS INTERIOR EGGSHELL WHITE BASE KP | WATER **BM-4** | UNDISCLOSED CHEMICAL 1 **UNK**  
 TITANIUM DIOXIDE **LT-1** | CAN | UNDISCLOSED CHEMICAL 2 **UNK** | UNDISCLOSED CHEMICAL 3 **BM-4**  
 LIMESTONE; CALCIUM CARBONATE **LT-UNK** | KAOLIN CLAY (REFINED) **LT-1** | MUL | UNDISCLOSED  
 CHEMICAL 4 **UNK** | UNDISCLOSED CHEMICAL 5 **BM-2** | ETHOXYLATED 2,4,7,9-TETRAMETHYL-5-  
 DECYNE-4,7-DIOL **LT-P1** | MUL | UNDISCLOSED CHEMICAL 6 **UNK** | UNDISCLOSED CHEMICAL 7 **UNK**  
 UNDISCLOSED CHEMICAL 8 **LT-1** | CAN | MUL | 1,4-DIISOBUTYLENE-4-DIMETHYLBUTYNE DIOL **LT-UNK**  
 UNDISCLOSED CHEMICAL 9 **LT-P1** | SKI | AQU | RES | MUL | UNDISCLOSED CHEMICAL 10 **UNK**  
 DIMETHICONE COPOLYOL **UNK** | UNDISCLOSED CHEMICAL 11 **LT-P1** | MAM | SKI | AQU | MUL  
 AMMONIUM HYDROXIDE **LT-P1** | SKI | AC | RES | MUL | QUARTZ **LT-1** | CAN | MONOETHANOLAMINE  
**LT-UNK** | MAM | SKI | RES | UNDISCLOSED CHEMICAL 12 **UNK** | UNDISCLOSED CHEMICAL 13 **UNK**  
 UNDISCLOSED CHEMICAL 14 **BM-2** | YE | PHOSPHORUS TRIOXIDE **LT-UNK** | RES | SILICA,  
 AMORPHOUS **LT-P1** | ZIRCONIUM DIOXIDE **LT-UNK**

Number of Greenscreen  
BM-4/BM3  
contents..... 2  
 Contents highest  
concern GreenScreen  
Benchmark or List  
translator Score.....  
LT-1  
 Nanomaterial..... No

### INVENTORY AND SCREENING NOTES:

### VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 0.00 Regulatory (g/l): 0.00

Does the product contain exempt VOCs: No

Are ultra-low VOC tints available: Yes

### CERTIFICATIONS AND COMPLIANCE

VOC content: ASTM-D6886-12 (superceded)

<input checked="" type="radio"/> Self-Published*	VERIFIER:	SCREENING DATE: February 1, 2017	EXPIRY DATE*: February 1, 2020
<input type="radio"/> Third Party Verified	VERIFICATION #:	RELEASE DATE: February 14, 2017	* or within 3 months of significant change in product contents

\*See HPDC website for details



## Section 2: Content in Descending Order of Quantity

This section lists materials in a product and the substances in each material based on the Inventory Threshold for each material. If residuals or impurities from the manufacturing or extraction processes are considered for a material, these are inventoried and characterized to the extent described in the Material and/or General Notes. Chemical substances are screened against the HPD Priority Hazard Lists for human and environmental health impacts. Screening is based on best available information; "Not Found" does not necessarily mean there is no potential hazard associated with the product or its contents. More information about Priority Hazard Lists and the GreenScreen can be found online: [www.hpd-collaborative.org](http://www.hpd-collaborative.org) and [www.greenscreenchemicals.org](http://www.greenscreenchemicals.org).

### ECOS INTERIOR EGGSHELL WHITE BASE KP %: 100.0000 HPD URL:

Inventory Threshold: 100 ppm

Residuals Considered: Yes

Material Notes: Imperial Paints worked with ToxService to confirm that all residuals/Impurities were considered under this HPD.

#### WATER

ID: 7732-18-5

%: 26.5500

GS: BM-4

RC: None

NANO: NO

ROLE: Vehicle, Pigment, Thickener, Defoamer, Reagent

#### HAZARDS:

None Found

#### AGENCY(IES) WITH WARNINGS:

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Maximum % ingredient is present in formulation

#### UNDISCLOSED CHEMICAL 1

ID:

%: 24.5000

GS: UNK

RC: None

NANO: NO

ROLE: Binder

#### HAZARDS:

None Found

#### AGENCY(IES) WITH WARNINGS:

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Maximum % ingredient is present in formulation

#### TITANIUM DIOXIDE

ID: 13463-67-7

%: 18.7700 - 23.3500

GS: LT-1

RC: None

NANO: NO

ROLE: Pigment

#### HAZARDS:

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER

CA EPA - Prop 65

Carcinogen - specific to chemical form or exposure route

CANCER

IARC

Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources

CANCER

MAK

Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

SUBSTANCE NOTES: Range % ingredient is present in formulation

UNDISCLOSED CHEMICAL 2

ID:

%: 18.0000 - 21.0000

GS: UNK

RC: None

NANO: NO

ROLE: Dispersant

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Range % ingredient is present in formulation

UNDISCLOSED CHEMICAL 3

ID:

%: 11.3800 - 16.8600

GS: BM-4

RC: None

NANO: NO

ROLE: Dispersant, Rheology Modifier, Binder

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Maximum % ingredient is present in formulation

LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

%: 9.3400

GS: L-UNK

RC: None

NANO: NO

ROLE: Thickener

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Maximum % ingredient is present in formulation

KAOLIN CLAY (CALCINED)

ID: 66402-68-4

%: 4.6600

GS: LT-P1

RC: None

NANO: NO

ROLE: Pigment

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 3 - Severe Hazard to Waters

SUBSTANCE NOTES: Maximum % ingredient is present in formulation

UNDISCLOSED CHEMICAL 4

ID:

#: 2.2400 - 4.4800 GS: UNK RC: None NANO: NO ROLE: Binder

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Range % ingredient is present in formulation

UNDISCLOSED CHEMICAL 5

ID:

#: 0.2800 - 0.5600 GS: BM-2 RC: None NANO: NO ROLE: Rheology Modifier

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Range % ingredient is present in formulation

ETHOXYLATED-2,4,7,9-TETRAMETHYL-5-DECYNE-4,7-DIOL

ID: 9014-85-1

#: 0.1100 GS: LT-P1 RC: None NANO: NO ROLE: Surfactant

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MULTIPLE

German FEA - Substances Hazardous to Waters Class 2 - Hazard to Waters

SUBSTANCE NOTES: Maximum % ingredient is present in formulation

UNDISCLOSED CHEMICAL 6

ID:

#: 0.0900 - 0.2800 GS: UNK RC: None NANO: NO ROLE: Rheology Modifier

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Range % ingredient is present in formulation

UNDISCLOSED CHEMICAL 7

ID:

#: 0.0700 - 0.3700 GS: UNK RC: None NANO: NO ROLE: Binder

**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Range % ingredient is present in formulation

**UNDISCLOSED CHEMICAL 8**

ID:

%: 0.0700

GS: LT-1

RC: None

NANO: NO

ROLE: Defoamer

**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

CANCER

EU - R-phrases

R45 - May cause cancer

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

CMP - Carcinogen, Mutagen &amp;/or Reproductive Toxicant

CANCER

EU - Annex VI CMRs

Carcinogen Category 1B - Presumed Carcinogen based on animal evidence

SUBSTANCE NOTES: Maximum % ingredient is present in formulation

**1,4-DIISOBUTYL-1,4-DIMETHYLBUTYNEEDIOL**

ID: 126-86-3

%: 0.0400

GS: LT-UNK

RC: None

NANO: NO

ROLE: Surfactant

**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Maximum % ingredient is present in formulation

**UNDISCLOSED CHEMICAL 9**

ID:

%: 0.0300 - 0.1500

GS: LT-P1

RC: None

NANO: NO

ROLE: Dispersant

**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

SKIN IRRITATION

EU - R-phrases

R34 - Causes burns

ACUTE AQUATIC

EU - R-phrases

R50 - Very Toxic to Aquatic Organisms

RESPIRATORY

AOEC - Asthmagens

Asthmagen (Rs) - sensitizer-induced

RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rr&Rs) - irritant-induced & sensitizer-induced
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: Range % ingredient is present in formulation

UNDISCLOSED CHEMICAL 10

ID:

%: 0.0200 - 0.0600      GS: UNK      RC: None      NANO: NO      ROLE: Rheology Modifier

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Range % ingredient is present in formulation

DIMETHICONE COPOLYOL

ID: 64365-23-7

%: 0.0170      GS: UNK      RC: None      NANO: NO      ROLE: Defoamer

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Maximum % ingredient is present in formulation

UNDISCLOSED CHEMICAL 11

ID:

%: 0.0150 - 0.0300      GS: LT-P1      RC: None      NANO: NO      ROLE: Dispersant

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

MAMMALIAN	EU - R-phrases	R20 - Harmful by Inhalation (gas or vapor or dust/mist)
MAMMALIAN	EU - R-phrases	R21 - Harmful in Contact with Skin
MAMMALIAN	EU - R-phrases	R22 - Harmful if Swallowed
SKIN IRRITATION	EU - R-phrases	R35 - Causes severe burns
ACUTE AQUATIC	EU - R-phrases	R50 - Very Toxic to Aquatic Organisms
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life

SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SUBSTANCE NOTES: Range % ingredient is present in formulation		

**AMMONIUM HYDROXIDE**

ID: 1336-21-6

%: 0.0100	GS: LT-P1	RC: None	NANO: NO	ROLE: Reagent
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HAZARDS:		AGENCY(IES) WITH WARNINGS:
SKIN IRRITATION	EU - R-phrases	R34 - Causes burns
ACUTE AQUATIC	EU - R-phrases	R50 - Very Toxic to Aquatic Organisms
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rr&Rs) - irritant-induced & sensitizer-induced
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SUBSTANCE NOTES: Maximum % ingredient is present in formulation		

**QUARTZ**

ID: 14808-60-7

%: 0.0090 - 0.0300	GS: L-1	RC: None	NANO: NO	ROLE: Thickener
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HAZARDS:		AGENCY(IES) WITH WARNINGS:
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 1: Agent is carcinogenic to humans - inhaled from occupational sources
CANCER	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man
SUBSTANCE NOTES:		

%: 0.0080 - 0.0100      GS: LT-UNK      RC: None      NANO: NO      ROLE: In-can Preservative

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

MAMMALIAN	EU - R-phrases	R20 - Harmful by Inhalation (gas or vapor or dust/mist)
MAMMALIAN	EU - R-phrases	R21 - Harmful in Contact with Skin
MAMMALIAN	EU - R-phrases	R22 - Harmful if Swallowed
SKIN IRRITATION	EU - R-phrases	R34 - Causes burns
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: Range % ingredient is present in formulation

UNDISCLOSED CHEMICAL 12

ID:

%: 0.0070 - 0.0700      GS: UNK      RC: None      NANO: NO      ROLE: Binder

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found      No warnings found on HPD Priority lists

SUBSTANCE NOTES: Range % ingredient is present in formulation

UNDISCLOSED CHEMICAL 13

ID:

%: 0.0070 - 0.0700      GS: UNK      RC: None      NANO: NO      ROLE: Binder

**HAZARDS:**

**AGENCY(IES) WITH WARNINGS:**

None Found      No warnings found on HPD Priority lists

SUBSTANCE NOTES: Range % ingredient is present in formulation

UNDISCLOSED CHEMICAL 14

ID:

%: 0.0030 - 0.0150      GS: BM-2      RC: None      NANO: NO      ROLE: Dispersant Component



**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

EYE IRRITATION

EU - R-phrases

R36 - Irritating to eyes

PHYSICAL HAZARD  
(REACTIVE)

EU - GHS (H-Statements)

H225 - Highly flammable liquid and vapour

EYE IRRITATION

EU - GHS (H-Statements)

H319 - Causes serious eye irritation

SUBSTANCE NOTES: Range % ingredient is present in formulation

**ALUMINUM OXIDE**

ID: 1344-28-1

%: 0.0000 - 1.6000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Pigment

**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

RESPIRATORY

AOEC - Asthmagens

Asthmagen (ARs) - sensitizer-induced - inhalable forms only

SUBSTANCE NOTES: Range % ingredient is present in formulation

**SILICA, AMORPHOUS**

ID: 7631-86-9

%: 0.0000 - 2.5000

GS: LT-P1

RC: None

NANO: NO

ROLE: Pigment

**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Range % ingredient is present in formulation

**ZIRCONIUM DIOXIDE**

ID: 1314-23-4

%: 0.0000 - 0.4600

GS: LT-UNK

RC: None

NANO: NO

ROLE: Pigment

**HAZARDS:****AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Range % ingredient is present in formulation



## 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 CONTENT

### ASTM-D6886-12 (superceded)

CERTIFYING PARTY: Third Party

ISSUE DATE: 2016-03-

EXPIRY DATE:

CERTIFIER OR LAB: Eurofins

APPLICABLE FACILITIES: All

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Product Testing A/S

CERTIFICATE URL: <https://www.ecospaints.net/testing-and-certifications.html>

CERTIFICATION AND COMPLIANCE NOTES:



## 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.



## Section 5: General Notes

Sample



**MANUFACTURER INFORMATION**

MANUFACTURER: Imperial Paints, LLC  
ADDRESS: 2994 Fairforest-Clevedale Road  
Spartanburg, SC 29301  
USA  
WEBSITE: www.ecospaints.net

CONTACT NAME: Daniel Holder  
TITLE: Technical Sales Manager  
PHONE: 8645953840  
EMAIL: tech.help@ecospaints.net

**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

- |                                       |  |  |
|---------------------------------------|--|--|
| <b>AQU</b> Aquatic toxicity           | <b>GLO</b> Global warming                    | <b>PHY</b> Physical Hazard (reactive)                |
| <b>CAN</b> Cancer                     | <b>MAM</b> Mammalian/systemic/organ toxicity | <b>REP</b> Reproductive toxicity                     |
| <b>DEV</b> Developmental toxicity     | <b>MUL</b> Multiple hazards                  | <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>OZO</b> Ozone depletion                   | <b>LAN</b> Land Toxicity                             |
| <b>GEN</b> Gene mutation              | <b>PBT</b> Persistent Bioaccumulative Toxic  | <b>NF</b> Not found on Priority Hazard Lists         |

GreenScreen (GS)

- |   |  |
|---|--|
| <b>BM-4</b> Benchmark 4 (prefer-safer chemical)   | <b>LT-P1</b> List Translator Possible Benchmark 1  |
| <b>BM-3</b> Benchmark 3 (use but still opportunity for improvement) BM-2 Benchmark 2 (use but search for safer substitutes) | <b>LT-1</b> List Translator Likely Benchmark 1   |
| <b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)  | <b>LT-UNK</b> List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark) |
| <b>BM-U</b> Benchmark Unspecified (insufficient data to benchmark)  | <b>UNK</b> Unknown (no data on List Translator Lists)  |

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

**Nano** Composed of nanoscale particles (nanotechnology)

Declaration Level

- Self-declared** Manufacturer's self-declaration (First Party)
- Independent Lab** Manufacturer's self-declaration using results from an independent lab
- Second Party** Verification by trade association or other interested party
- Third Party** Verification by independent certifier
- 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 does not provide an assessment of health impacts throughout the product life cycle. It does not provide an assessment of exposure or risk associated with product handling or use. It also does not address potential health impacts of: (i) substances used or created during the manufacturing process unless they remain in the final product, or (ii) substances created after the product is delivered for end use (e.g., if the product burns, degrades, or otherwise changes chemical composition).

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

A disclosure completed in compliance with the HPD Open Standard is referred to as a "Health Product Declaration," or "HPD." 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 Open Standard noted.