

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 EGG SHELL 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 checked="" type="radio"/>	<input 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 EGG SHELL 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 (CALCINED) **LT-P1** | 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-DIISOBUTYL-1,4-DIMETHYLBUTYNYEDIOL **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 | AQU | 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** | EYE | PHY ALUMINUM OXIDE **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): Regulatory (g/l):
Does the product contain exempt VOCs: No
Are ultra-low VOC tints available: No

CERTIFICATIONS AND COMPLIANCE

No certifications have been added to this HPD.

<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 and www.greenscreenchemicals.org.

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

Inventory Threshold: 100 ppm

Residuals Considered: Yes

Material Notes:

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: LT-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

CMR - Carcinogen, Mutagen &/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
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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
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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
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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: LT-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:

MONOETHANOLAMINE

ID: 141-43-5

%: 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.



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



MANUFACTURER INFORMATION

MANUFACTURER: Imperial Paints, LLC

CONTACT NAME: Daniel Holder

ADDRESS: 2994 Fairforest-Clevedale Road
Spartanburg, SC 29301
USA

TITLE: Technical Sales Manager

PHONE: 8645953840

WEBSITE: www.ecospaints.net

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

AQU Aquatic toxicity

GLO Global warming

PHY Physical Hazard (reactive)

CAN Cancer

MAM Mammalian/systemic/organ toxicity

REP Reproductive toxicity

DEV Developmental toxicity

MUL Multiple hazards

RES Respiratory sensitization

END Endocrine activity

NEU Neurotoxicity

SKI Skin sensitization/irritation/corrosivity

EYE Eye irritation/corrosivity

OZO Ozone depletion

LAN Land Toxicity

GEN Gene mutation

PBT Persistent Bioaccumulative Toxic

NF Not found on Priority Hazard Lists

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)

LT-P1 List Translator Possible Benchmark 1

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

LT-1 List Translator Likely Benchmark 1

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

LT-UNK List Translator Benchmark Unknown (insufficient
information from List Translator lists to benchmark)

BM-U Benchmark Unspecified (insufficient data to benchmark)

UNK 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 or 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.