ECOS Eggshell White Base Paint
by Imperial Paints, LLC

CLASSIFICATION: 09 06 90.00 Finishes: Schedules for Painting and Coating

PRODUCT DESCRIPTION: The ECOS Eggshell White Base 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. Imperial Paints worked with the Third Party HPD Preparer, ToxServices, to properly screen and disclose all chemical information listed on this current HPD.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

<table>
<thead>
<tr>
<th>Inventory Reporting Format</th>
<th>Threshold level</th>
<th>Residuals/Impurities</th>
<th>Are All Substances Above the Threshold Indicated:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nested Materials Method</td>
<td>100 ppm</td>
<td>Considered</td>
<td>Yes</td>
</tr>
<tr>
<td>Basic Method</td>
<td>1,000 ppm</td>
<td>Considered</td>
<td>Yes</td>
</tr>
<tr>
<td>Per GHS SDS</td>
<td>Partially</td>
<td>Considered</td>
<td>Yes</td>
</tr>
<tr>
<td>Per OSHA MSDS</td>
<td>Not Considered</td>
<td></td>
<td>No</td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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
---------|-----------|----------------------|-------------------|-------------------
PAINT     | WATER     | END UNDISCLOSED      | LT-1              | CAN                |
          | BM-4      | TITANIUM DIOXIDE     | LT-3              | CAN                |
          | LT-UNK    | KAOLIN CLAY (CALCINED) | LT-P1            | MUL LIMESTONE CALCIUM |
          | LT-UNK    | SILICA, AMORPHOUS    | LT-P1            | CAN ALUMINUM OXIDE |
          | LT-P1     | ZIRCONIUM DIOXIDE    | LT-P1            | UNDISCLOSED LT-UNK |
          | LT-P1     | MONOETHANOLAMIDE (MOEO) | LT-1            | END HECTORITE |
          | LT-UNK    | GLYCERIN            | LT-UNK            | UNDISCLOSED LT-UNK |
          | LT-1      | QUARTZ              | LT-P1            | CAN SILOXANES AND SILICONES, DI-ME, HYDROXY-TERMINATED BM-2 |
          | LT-1      | 2-PYRIDINETHIOL, 1-OXIDE | LT-P1          | SODIUM SALT (2-PYRIDINETHIOL, 1-OXIDE, SODIUM SALT) |
          | LT-P1     | XANTHAN GUM         | LT-P1            | END MUL UNDISCLOSED LT-1 |
          | LT-P1     | UNK                  | LT-P1            | MUL UNDISCLOSED LT-P1 |
          | LT-P1     | UNK                  | LT-P1            | MUL UNDISCLOSED LT-P1 |
          | LT-P1     | UNK                  | LT-P1            | MUL UNDISCLOSED LT-P1 |
          | LT-P1     | UNK                  | LT-P1            | MUL UNDISCLOSED LT-P1 |
          | LT-P1     | UNK                  | LT-P1            | MUL UNDISCLOSED LT-P1 |
          | LT-P1     | UNK                  | LT-P1            | MUL UNDISCLOSED LT-P1 |
          | LT-P1     | ZINC CHLORIDE (ZINC CHLORIDE) | LT-P1        | MUL UNDISCLOSED LT-P1 |

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

See Section 3 for additional listings.

VOC emissions: U.S. EPA SW-846 Method 8260B (VOC); EPA SW-846 Method 8015C (Organics); EPA Method 8315A (Formaldehyde). SM 2540G (Volatile Solids)

VOC content: ASTM D-4236 Certification of Toxicological Risk Assessment for Decorative and Artistic Paints

Other: BS-EN-71-3 Test for Heavy Metals in Paints and Coatings for use in Children’s Toys

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Preparer: Self-Prepared
Verification: 
Verification #: 
Screening Date: 2017-08-07
Published Date: 2017-08-09
Expiry Date: 2020-08-07

Third Party Verified?
Yes
No

PREPARER: Self-Prepared
VERIFIER: 
VERIFICATION #: 
SCREENING DATE: 2017-08-07
PUBLISHED DATE: 2017-08-09
EXPIRY DATE: 2020-08-07

Inventor Reporting Format
Nested Materials Method
Basic Method
Threshold Disclosed Per
Material
Product
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 Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.1, available on the HPDC website at: [www.hpd-collaborative.org/hpd-2-1-standard](http://www.hpd-collaborative.org/hpd-2-1-standard)

### PAINT

**PRODUCT THRESHOLD:** 100 ppm  
**RESIDUALS AND IMPURITIES CONSIDERED:** Yes

**RESIDUALS AND IMPURITIES NOTES:** Imperial Paints worked with the Third Party HPD Preparer, ToxServices, to properly screen and disclosure all chemical information, therefore all residuals and impurities have been considered.

**OTHER PRODUCT NOTES:** Entire product is considered as one homogeneous material.

### WATER

<table>
<thead>
<tr>
<th>%: 45.3100 - 52.8500</th>
<th>GS: BM-4</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Vehicle</th>
</tr>
</thead>
</table>

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

- None Found
- No warnings found on HPD Priority lists

**SUBSTANCE NOTES:** Min to Max % range ingredient present in product formulation.

### TITANIUM DIOXIDE

<table>
<thead>
<tr>
<th>%: 15.5600</th>
<th>GS: LT-1</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Extender Pigment</th>
</tr>
</thead>
</table>

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

- CANCER
  - US CDC - Occupational Carcinogens
  - Occupational Carcinogen
- CANCER
  - MAK
  - Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
- 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
- ENDOCRINE
  - TEDX - Potential Endocrine Disruptors
  - Potential Endocrine Disruptor

**SUBSTANCE NOTES:** Maximum % ingredient present in product formulation.

### UNDISCLOSED

<table>
<thead>
<tr>
<th>%: 7.5000 - 15.0000</th>
<th>GS: LT-UNK</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Binder Component</th>
</tr>
</thead>
</table>

**HAZARDS:** AGENCY(IES) WITH WARNINGS:
SUBSTANCE NOTES: Maximum % ingredient present in product formulation. Imperial Paints worked with the Third Party HPD Preparer, ToxServices, to properly screen and disclose all chemical information listed on this current HPD.

### KAOLIN CLAY (CALCINED)

<table>
<thead>
<tr>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.6000</td>
<td>LT-P1</td>
<td>None</td>
<td>No</td>
<td>Extender Pigment</td>
</tr>
</tbody>
</table>

HAZARDS:
- AGENCY(IES) WITH WARNINGS:
  - MULTIPLE German FEA - Substances Hazardous to Waters Class 3 - Severe Hazard to Waters

### LIMESTONE; CALCIUM CARBONATE

<table>
<thead>
<tr>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.5700</td>
<td>LT-UNK</td>
<td>None</td>
<td>No</td>
<td>Extender Pigment</td>
</tr>
</tbody>
</table>

HAZARDS:
- AGENCY(IES) WITH WARNINGS:
  - None Found

### SILICA, AMORPHOUS

<table>
<thead>
<tr>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.8100</td>
<td>LT-P1</td>
<td>None</td>
<td>No</td>
<td>Foam Control Agent / Extender Pigment / Adsorbents Component</td>
</tr>
</tbody>
</table>

HAZARDS:
- AGENCY(IES) WITH WARNINGS:
  - CANCER Japan - Carcinogenicity - Category 1A

### ALUMINUM OXIDE

<table>
<thead>
<tr>
<th>%</th>
<th>GS</th>
<th>RC</th>
<th>NANO</th>
<th>ROLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.0000</td>
<td>LT-P1</td>
<td>None</td>
<td>No</td>
<td>Extender Pigment / Adsorbents Component</td>
</tr>
</tbody>
</table>

HAZARDS:
- AGENCY(IES) WITH WARNINGS:
  - RESPIRATORY AOEC - Asthmagens

  Asthmagen (ARs) - sensitizer-induced - inhalable forms only
### ZIRCONIUM DIOXIDE

<table>
<thead>
<tr>
<th>%: 0.3800</th>
<th>GS: LT-P1</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Extender Pigment</th>
</tr>
</thead>
</table>

**HAZARDS:** None Found

**SUBSTANCE NOTES:** Maximum % ingredient present in product formulation.

### UNDISCLOSED

<table>
<thead>
<tr>
<th>%: 0.2900 - 0.2900</th>
<th>GS: LT-UNK</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Rheological Additive Component</th>
</tr>
</thead>
</table>

**HAZARDS:** None Found

**SUBSTANCE NOTES:** Maximum % ingredient present in product formulation. Imperial Paints worked with the Third Party HPD Preparer, ToxServices, to properly screen and disclose all chemical information listed on this current HPD.

### UNDISCLOSED

<table>
<thead>
<tr>
<th>%: 0.2500 - 1.2000</th>
<th>GS: LT-UNK</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Binder Component</th>
</tr>
</thead>
</table>

**HAZARDS:** None Found

**SUBSTANCE NOTES:** Maximum % ingredient present in product formulation. Imperial Paints worked with the Third Party HPD Preparer, ToxServices, to properly screen and disclose all chemical information listed on this current HPD.

### MONOETHANOLAMINE (MONOETHANOLAMINE)

<table>
<thead>
<tr>
<th>%: 0.2240 - 0.5320</th>
<th>GS: LT-P1</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Preservative</th>
</tr>
</thead>
</table>

**HAZARDS:**
- EU - R-phrases R20 - Harmful by Inhalation (gas or vapor or dust/mist)
- EU - R-phrases R21 - Harmful in Contact with Skin
- EU - R-phrases R22 - Harmful if Swallowed
- EU - R-phrases R34 - Causes burns
- AOE - Asthmagens
- EU - GHS (H-Statements) H314 - Causes severe skin burns and eye damage
- TED - Potential Endocrine Disruptors
- MAK

**SUBSTANCE NOTES:** Sensitizing Substance Sh - Danger of skin sensitization
HECTORITE

ID: 12173-47-6

%: 0.2100
GS: LT-UNK
RC: None
NANO: No
ROLE: Rheological Additive Component

HAZARDS:
None Found

AGENCY(IES) WITH WARNINGS:
No warnings found on HPD Priority lists

SUBSTANCE NOTES: Maximum % ingredient present in product formulation.

SODIUM OXIDE

ID: 1313-59-3

%: 0.2000
GS: LT-UNK
RC: None
NANO: No
ROLE: Adsorbents Component

HAZARDS:
None Found

AGENCY(IES) WITH WARNINGS:
No warnings found on HPD Priority lists

SUBSTANCE NOTES: Maximum % ingredient present in product formulation.

GLYCERIN

ID: 56-81-5

%: 0.1200
GS: LT-UNK
RC: None
NANO: No
ROLE: Retarder Component

HAZARDS:
None Found

AGENCY(IES) WITH WARNINGS:
No warnings found on HPD Priority lists

SUBSTANCE NOTES: Maximum % ingredient present in product formulation.

UNDISCLOSED

%: 0.1100 - 0.1100
GS: LT-1
RC: None
NANO: No
ROLE: Foam Control Agent

HAZARDS:
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
CANCER
Australia - GHS
H350 - May cause cancer

SUBSTANCE NOTES: Maximum % ingredient present in product formulation. Imperial Paints worked with the Third Party HPD Preparer, ToxServices, to properly screen and disclose all chemical information listed on this current HPD.
## QUARTZ

**ID:** 14808-60-7  
**%:** 0.050  
**GS:** LT-1  
**RC:** None  
**NANO:** No  
**ROLE:** Extender Pigment

**HAZARDS:**  
- **CANCER**  
  - US CDC - Occupational Carcinogens  
  - Occupational Carcinogen  
  - US NIH - Report on Carcinogens  
  - Known to be Human Carcinogen (respirable size - occupational setting)  
  - MAK  
  - Carcinogen Group 1 - Substances that cause cancer in man  
  - CA EPA - Prop 65  
  - Carcinogen - specific to chemical form or exposure route  
  - IARC  
  - Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources  
  - New Zealand - GHS  
  - 6.7A - Known or presumed human carcinogens

**SUBSTANCE NOTES:** Maximum % ingredient present in product formulation.

## SILOXANES AND SILICONES, DI-ME, HYDROXY-TERMINATED

**ID:** 70131-67-8  
**%:** 0.050 - 0.090  
**GS:** BM-2  
**RC:** None  
**NANO:** No  
**ROLE:** Rheology Modifier Component

**HAZARDS:**  
- None Found  
- No warnings found on HPD Priority lists

**SUBSTANCE NOTES:** Maximum % ingredient present in product formulation. Imperial Paints worked with the Third Party HPD Preparer, ToxServices, to properly screen and disclose all chemical information listed on this current HPD.

## 2-PYRIDINETHIOL, 1-OXIDE, SODIUM SALT (2-PYRIDINETHIOL, 1-OXIDE, SODIUM SALT)

**ID:** 3811-73-2  
**%:** 0.032 - 0.076  
**GS:** LT-P1  
**RC:** None  
**NANO:** No  
**ROLE:** Preservative

**HAZARDS:**  
- MULTIPLE  
  - German FEA - Substances Hazardous to Waters  
  - Class 2 - Hazard to Waters  
- DEVELOPMENTAL  
  - MAK  
  - Pregnancy Risk Group B

**SUBSTANCE NOTES:**

## UNDISCLOSED

**%:** 0.030 - 0.250  
**GS:** LT-P1  
**RC:** None  
**NANO:** No  
**ROLE:** Binder Component
### UNDISCLOSED

<table>
<thead>
<tr>
<th>%: 0.0300 - 0.2500</th>
<th>GS: LT-P1</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Binder Component</th>
</tr>
</thead>
</table>

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

- **MAMMALIAN EU - R-phrases R21:** Harmful in Contact with Skin
- **MAMMALIAN EU - R-phrases R22:** Harmful if Swallowed
- **SKIN IRRITATION EU - R-phrases R38:** Irritating to skin
- **EYE IRRITATION EU - R-phrases R41:** Risk of serious damage to eyes
- **ACUTE AQUATIC EU - R-phrases R50:** Very Toxic to Aquatic Organisms
- **ACUTE AQUATIC EU - GHS (H-Statements) H400:** Very toxic to aquatic life M = 10
- **SKIN IRRITATION EU - GHS (H-Statements) H315:** Causes skin irritation
- **EYE IRRITATION EU - GHS (H-Statements) H318:** Causes serious eye damage
- **ENDOCRINE TEDX - Potential Endocrine Disruptors Potential Endocrine Disruptor**
- **MULTIPLE German FEA - Substances Hazardous to Waters Class 2 - Hazard to Waters**
- **SKIN SENSITIZE MAK Sensitizing Substance Sh - Danger of skin sensitization**

**SUBSTANCE NOTES:** Maximum % ingredient present in product formulation. Imperial Paints worked with the Third Party HPD Preparer, ToxServices, to properly screen and disclose all chemical information listed on this current HPD.

### UNDISCLOSED

<table>
<thead>
<tr>
<th>%: 0.0200 - 0.0200</th>
<th>GS: LT-P1</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Rheological Additive Component</th>
</tr>
</thead>
</table>

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

- **MULTIPLE German FEA - Substances Hazardous to Waters Class 3 - Severe Hazard to Waters**

**SUBSTANCE NOTES:** Maximum % ingredient present in product formulation. Imperial Paints worked with the Third Party HPD Preparer, ToxServices, to properly screen and disclose all chemical information listed on this current HPD.

### UNDISCLOSED

<table>
<thead>
<tr>
<th>%: 0.0200 - 0.0500</th>
<th>GS: UNK</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Rheology Modifier Component</th>
</tr>
</thead>
</table>

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

**SUBSTANCE NOTES:** Maximum % ingredient present in product formulation. Imperial Paints worked with the Third Party HPD Preparer, ToxServices, to properly screen and disclose all chemical information listed on this current HPD.
### MAMMALIAN EU - R-phrases

**R23** - Toxic by Inhalation (gas, vapour, dust/mist)

**SUBSTANCE NOTES:** Maximum % ingredient present in product formulation. Imperial Paints worked with the Third Party HPD Preparer, ToxServices, to properly screen and disclose all chemical information listed on this current HPD.

### UNDISCLOSED

<table>
<thead>
<tr>
<th>%</th>
<th>0.0200 - 0.0200</th>
<th>GS: LT-P1</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Rheological Additive Component</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HAZARDS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>SKIN IRRITATION</strong></td>
<td>EU - R-phrases</td>
<td>R34 - Causes burns</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>ACUTE AQUATIC</strong></td>
<td>EU - R-phrases</td>
<td>R50 - Very Toxic to Aquatic Organisms</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>RESPIRATORY</strong></td>
<td>AOEC - Asthmagens</td>
<td>Asthmagen (Rs) - sensitizer-induced</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>RESPIRATORY</strong></td>
<td>AOEC - Asthmagens</td>
<td>Asthmagen (Rr&amp;Rs) - irritant-induced &amp; sensitizer-induced</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>ACUTE AQUATIC</strong></td>
<td>EU - GHS (H-Statements)</td>
<td>H400 - Very toxic to aquatic life</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>SKIN IRRITATION</strong></td>
<td>EU - GHS (H-Statements)</td>
<td>H314 - Causes severe skin burns and eye damage</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>MULTIPLE</strong></td>
<td>German FEA - Substances Hazardous to Waters</td>
<td>Class I - Hazard to Waters</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** Maximum % ingredient present in product formulation. Imperial Paints worked with the Third Party HPD Preparer, ToxServices, to properly screen and disclose all chemical information listed on this current HPD.

### XANTHAN GUM

<table>
<thead>
<tr>
<th>%</th>
<th>0.0200</th>
<th>GS: LT-UNK</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Thickener Component</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HAZARDS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>None Found</strong></td>
<td></td>
<td>No warnings found on HPD Priority lists</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**SUBSTANCE NOTES:** Maximum % ingredient present in product formulation.

### ZINC CHLORIDE (ZINC CHLORIDE)

<table>
<thead>
<tr>
<th>%</th>
<th>0.0160 - 0.0380</th>
<th>GS: LT-P1</th>
<th>RC: None</th>
<th>NANO: No</th>
<th>ROLE: Preservative</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>HAZARDS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>MAMMALIAN</strong></td>
<td>EU - R-phrases</td>
<td>R22 - Harmful if Swallowed</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>SKIN IRRITATION</strong></td>
<td>EU - R-phrases</td>
<td>R34 - Causes burns</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>ACUTE AQUATIC</strong></td>
<td>EU - R-phrases</td>
<td>R50 - Very Toxic to Aquatic Organisms</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>ACUTE AQUATIC</strong></td>
<td>EU - GHS (H-Statements)</td>
<td>H400 - Very toxic to aquatic life</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>CHRON AQUATIC</strong></td>
<td>EU - GHS (H-Statements)</td>
<td>H410 - Very toxic to aquatic life with long lasting effects</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
SKIN IRRITATION EU - GHS (H-Statements) H314 - Causes severe skin burns and eye damage

ENDOCRINE TEDX - Potential Endocrine Disruptors Potential Endocrine Disruptor

MULTIPLE German FEA - Substances Hazardous to Waters Class 3 - Severe Hazard to Waters

SUBSTANCE NOTES:

UNDISCLOSED

Maximum % ingredient present in product formulation. Imperial Paints worked with the Third Party HPD Preparer, ToxServices, to properly screen and disclose all chemical information listed on this current HPD.

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 D-4236 Certification of Toxicological Risk Assessment for Decorative and Artistic Paints

CERTIFYING PARTY: Self-declared
APPLICABLE FACILITIES:
CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

VOC EMISSIONS

U.S. EPA SW-846 Method 8260B (VOC); EPA SW-846 Method 8015C (Organics); EPA Method 8315A (Formaldehyde). SM 2540G (Volatile Solids)

CERTIFYING PARTY: Self-declared
APPLICABLE FACILITIES:
CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES:

OTHER

BS-EN-71-3 Test for Heavy Metals in Paints and Coatings for use in Children's Toys

CERTIFYING PARTY: Self-declared
APPLICABLE FACILITIES:
CERTIFICATE URL:

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.

No accessories are required for this product.

Section 5: General Notes

Imperial Paints worked with the Third Party HPD Preparer, ToxServices, to properly screen and disclose all chemical information listed on this current HPD. Imperial Paints worked with the ToxServices to properly screen and disclose all chemical information, therefore all residuals and impurities have been considered.

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: Imperial Paints, LLC
ADDRESS: PO Box 489
Fairforest SC 29336, USA
WEBSITE: www.ecospaints.net

CONTACT NAME: Daniel Holder
TITLE: Regional Sales Manager
PHONE: 866-587-3586
EMAIL: daniel@imperialpaintsllc.com

KEY

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

Hazard Types

AQU Aquatic toxicity
CAN Cancer
DEV Developmental toxicity
END Endocrine activity
EYE Eye irritation/corrosivity
GEN Gene mutation
GLO Global warming
MAM Mammalian/systemic/organ toxicity
MUL Multiple hazards
NEU Neurotoxicity
OZO Ozone depletion
PBT Persistent Bioaccumulative Toxic
PHY Physical Hazard (reactive)
REP Reproductive toxicity
RES Respiratory sensitization
SKI Skin sensitization/irritation/corrosivity
LAN Land Toxicity
NF Not found on Priority Hazard Lists

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)
BM-3 Benchmark 3 (use but still opportunity for improvement)
BM-2 Benchmark 2 (use but search for safer substitutes)
BM-1 Benchmark 1 (avoid - chemical of high concern)
BM-U Benchmark Unspecified (insufficient data to benchmark)

LT-P1 List Translator Possible Benchmark 1
LT-1 List Translator Likely Benchmark 1
LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
NoGS 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 Terms

**Inventory Methods:**

- **Nested Method / Material Threshold** Substances listed within each material per threshold indicated per material
- **Nested Method / Product Threshold** Substances listed within each material per threshold indicated per product
- **Basic Method / Product Threshold** Substances listed individually per threshold indicated per product

**Nano** Composed of nano scale particles or nanotechnology

**Third Party Verified** Verification by independent certifier approved by HPDC

**Preparer** Third party preparer, if not self-prepared by manufacturer

**Applicable facilities** Manufacturing sites to which testing applies

---

The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:

- a method for the assessment of exposure or risk associated with product handling or use,
- a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.

Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate Notes sections, and/or, where applicable, in the Certifications section.

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

The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.