

Name ECOS Clear Gloss Varnish; Clear Satin Varnish



Product ID VNCL Classification 09 06 90.00 Finishes: Schedules for Painting and Coating

Website www.ecospaints.net

Manufacturer Imperial Paints Contact Name Daniel Holder
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Description The ECOS Clear Gloss Varnish is a high sheen, washable, durable film ideal for interior applications such as floors, doors, trim, windows, shutters, and furniture.
The ECOS Satin Varnish is a low sheen, washable, durable film ideal for interior applications such as floors, doors, trim, windows, shutters, and furniture.

Release Date 2015-03-27 Imperial Paints has enlisted ToxServices LLC to accurately create this HPD which has been assessed to the ingredient disclosure level of 100 ppm (0.01%).
Expiry Date 2018-03-27
HPD URL https://tool.hpdcollaborative.org/uploads/files/hpds/66/2750-20150327143353.pdf
Certifier
Certificate #
[ ] Second Party
[X] Third Party

SUMMARY DISCLOSURE

The content of this product was assessed for health hazard warnings as required using Pharos

Residuals Disclosure Full Disclosure of Intentional Ingredients [ ] Yes [X] No
[ ] Measured 100 ppm (ideal)
[ ] Measured 1000 ppm Full Disclosure of Known Hazards [X] Yes [ ] No
[ ] Predicted by process chemistry Disclosure Notes
[X] As per MSDS (1,000 & 10,000 ppm) No residual content (1,000 ppm and 10,000 ppm) reported for any ingredient present in the final Imperial Paint product formulations.
[ ] Not disclosed
[ ] Other

Contents in Descending Order of Quantity

Unknown , WATER , POLYETHYLENE , Unknown , Undisclosed (Trade Secret) , Unknown , Undisclosed (Trade Secret) , Ammonium hydroxide , Undisclosed (Trade Secret) , Ethoxylated-2,4,7,9-tetramethyl-5-decyne-4,7-diol , Undisclosed (Trade Secret) , Undisclosed (Trade Secret) , 1,4-DIISOBUTYL-1,4-DIMETHYLBUTYNE-2,3-DIOL , Undisclosed (Trade Secret) , Undisclosed (Trade Secret)

Hazards Highest concern GreenScreen score - List Translator Possible Benchmark 1
[ ] PBT (Persistent Bioaccumulative Toxic) [ ] Development [ ] Neurotoxicity [ ] Land toxicity [X] Multiple
[ ] Cancer [ ] Reproductive [ ] Mammal [ ] Physical hazard [X] Unknown
[ ] Gene Mutation [ ] Endocrine [X] Skin or Eye [ ] Global warming
[ ] Respiratory [X] Aquatic toxicity [ ] Ozone depletion

Total VOC Content Does the product contain exempt VOCs? [ ] N/A [ ] Yes [X] No
Material (g/L) 0.00 Are there VOC-free tints available? [ ] N/A [X] Yes [ ] No
Regulatory (g/L) 0.00

Notes Imported from Europe

Certifications + Compliance

VOC Emissions Not tested VOC Content Not tested

The HPD Standard is solely a declaration of product content and direct health hazards associated with exposure to its individual contents. It is not a full assessment of environmental impacts from the life cycle of this product. It is not an assessment of risks associated with actual use of the product. It does not address the potential health impacts of substances used or created during manufacture that do not appear in the final product as residuals, nor substances created during combustion or other degradation processes.

This Health Product Declaration was generated following the requirements of the noted Standard version and is valid for a total of three years after date of issue or three months after a substantive change of product contents occurs. Users should verify that this Health Product Declaration is compliant with the most current version of the HPD Standard. Accuracy of claims made in this Health Product Declaration is the sole responsibility of the listed manufacturer and certifier (if applicable). The HPD Collaborative does not warrant any claim made herein, explicit or implicit. The HPD Standard is an "open standard" developed and managed by the HPD Collaborative, a nonprofit organization. For more information, visit [hpdcollaborative.org](http://hpdcollaborative.org).

## CONTENT IN DESCENDING ORDER OF QUANTITY

All ingredients must be assessed for health warnings against Priority Hazard Lists, regardless of disclosure level.

Priority Hazard Lists and information on the GreenScreen Benchmarks can be found at [www.hpdcollaborative.org/hazardlists](http://www.hpdcollaborative.org/hazardlists).

**GS:** GreenScreen Benchmark; **RC:** Recycled Content, **PC:** Post Consumer, **PI:** Post Industrial (Pre-consumer), **BO:** Both; **Nano:** comprised of nanoscale particles or nanotechnology

Name	CAS RN	% weight	GS	RC	Nano	Role
Hazard A	Warning A					
Hazard B	Warning B					
Hazard C	Warning C					
Hazard D	Warning D					
Hazard E	Warning E					
Notes						
Unknown	Unknown	58.2 - 66.7 %		U	N	Binding Agent Component
Unknown	Not disclosed by supplier					
Ingredient MSDS identifies that with the current knowledge of the supplier, and in the concentrations applicable, the undisclosed ingredient is not considered hazardous to health and environment. Range % represents usage of ingredient across the two product formulations. Chemical Trade Name and CAS# information is undisclosed due to it being considered proprietary information by the supplier to Imperial Paints.						
WATER	7732-18-5	34.09 %	4	U	N	Vehicle
None found	No warnings found on HPD Priority lists					
Maximum % ingredient is present in both product formulations						
POLYETHYLENE	9002-88-4	9.1 %	LT-U	U	N	Retarder Component
None found	No warnings found on HPD Priority lists					
Maximum % ingredient is present in both product formulations						
Unknown	Unknown	7.2 %		U	U	Acrylic Polymer Emulsion Component
Unknown	Not disclosed by supplier					
Ingredient MSDS identifies that with the current knowledge of the supplier, and in the concentrations applicable, the undisclosed ingredient is not considered hazardous to health or environment. Maximum % ingredient is present in both product formulations. Chemical Trade Name and CAS# information is undisclosed due to it being considered proprietary information by the supplier to Imperial Paints.						
Undisclosed (Trade Secret)	Undisclosed	0.68 %	LT-U	U	N	Retarder Component
None found	No warnings found on HPD Priority lists					

Maximum % ingredient is present in both product formulations. Chemical Trade Name and CAS# information is undisclosed due to it being considered proprietary information by the supplier to Imperial Paints.

<b>Unknown</b>	Unknown	0.62 %		U	N	Rheology Modifier Component
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Unknown Not disclosed by supplier

Maximum % ingredient is present in both product formulations. Chemical Trade Name and CAS# information is undisclosed due to it being considered proprietary information by the supplier to Imperial Paints.

<b>Undisclosed (Trade Secret)</b>	Undisclosed	0.56 %	LT-U	U	N	Retarder Component
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None found No warnings found on HPD Priority lists

Maximum % ingredient is present in both product formulations. Chemical Trade Name and CAS# information is undisclosed due to it being considered proprietary information by the supplier to Imperial Paints.

<b>Ammonium hydroxide</b>	1336-21-6	0.46 %	LT-P1	U	N	Binder Component/ Acrylic Polymer Emulsion Component
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RESPIRATORY AOEC: Asthmagen (ARs) - sensitizer-induced

SKIN IRRITATION EU H-Statements: H314 Causes severe skin burns and eye damage (also in EU R-Phrases)

ACUTE AQUATIC EU H-Statements: H400 - Aquatic Acute 1 - Very toxic to aquatic life (also in EU R-Phrases)

MULTIPLE VwWwS: Class 2 Hazard to Waters

Maximum % ingredient is present in both product formulations

<b>Undisclosed (Trade Secret)</b>	Undisclosed	0.28 %	LT-U	U	N	Retarder Component
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RESPIRATORY AOEC: Asthmagen (ARs) - sensitizer-induced

Maximum % ingredient is present in both product formulations. Chemical Trade Name and CAS# information is undisclosed due to it being considered proprietary information by the supplier to Imperial Paints.

<b>Ethoxylated-2,4,7,9-tetramethyl-5-decyne-4,7-diol</b>	9014-85-1	0.18 %	LT-P1	U	N	Surfactant
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MULTIPLE VwWwS: Class 2 Hazard to Waters

Maximum % ingredient is present in both product formulations

<b>Undisclosed (Trade Secret)</b>	Undisclosed	0.17 %	LT-U	U	N	Retarder Component
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None found No warnings found on HPD Priority lists

Maximum % ingredient is present in both product formulations. Chemical Trade Name and CAS# information is undisclosed due to it being considered proprietary information by the supplier to Imperial Paints.

<b>Undisclosed (Trade Secret)</b>	Undisclosed	0.15 %	LT-U	U	N	Retarder Component
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None found No warnings found on HPD Priority lists

Maximum % ingredient is present in both product formulations. Chemical Trade Name and CAS# information is undisclosed due to it being considered proprietary information by the supplier to Imperial Paints.

<b>1,4-DIISOBUTYL-1,4-DIMETHYLBUTYNE-2,3-DIOL</b>	126-86-3	0.07 %	LT-U	U	N	Surfactant
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None found No warnings found on HPD Priority lists

Maximum % ingredient is present in both product formulations

Undisclosed (Trade Secret)	Undisclosed	0.04 %	LT-P1	U	N	Retarder Component
MULTIPLE	VwWwS: Class 2 Hazard to Waters					
Maximum % ingredient is present in both product formulations. Chemical Trade Name and CAS# information is undisclosed due to it being considered proprietary information by the supplier to Imperial Paints.						
Undisclosed (Trade Secret)	Undisclosed	0.01 %	LT-U	U	N	Retarder Component
None found	No warnings found on HPD Priority lists					
Maximum % ingredient is present in both product formulations. Chemical Trade Name and CAS# information is undisclosed due to it being considered proprietary information by the supplier to Imperial Paints.						

**CERTIFICATIONS AND COMPLIANCE**

**Certifying Party** = First: Manufacturer’s self-declaration; Second: Verification by trade association or other interested party; Third: Verification by independent certifier (ideal).

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

Type	Standard or Certification			Certifier or Laboratory
	Certifying Party	Issue Date	Expiry Date	Certificate URL
	Applicable Facilities			
	Notes			
VOC Emissions	N/A			
VOC Content	Not tested			
Recycled Content	Not tested			
		2012-08-30		<a href="http://www.ecospaints.net/testing-and-certifications">www.ecospaints.net/testing-and-certifications</a>
	Spartanburg, SC			
	ASTM D-4236 Certification of Toxicological Risk Assessment for Decorative and Artistic Paints			
		2014-03-05		<a href="http://www.ecospaints.net/testing-and-certifications">www.ecospaints.net/testing-and-certifications</a>
	Spartanburg, SC			
	EPA SW-846 Method 8260B (VOC), EPA SW-846 Method 8015C (Organics), EPA Method 8315A (Formaldehyde), SM 2540G (Volatile Solids)			

		2012-01-25	<a href="http://www.ecospaints.net/testing-and-certifications">www.ecospaints.net/testing-and-certifications</a>
	Spartanburg, SC		
	BS-EN-71-3 Test for Heavy Metals in Paints and Coatings for use on Children's Toys		
		2012-08-10	<a href="http://www.ecospaints.net/testing-and-certifications">www.ecospaints.net/testing-and-certifications</a>
	Spartanburg, SC		
	EPA-24 Test for VOCs		

**ACCESSORY MATERIALS**

This section is for additional products required by warranty or recommended by the manufacturer for installation (such as adhesives, fasteners, or factory coatings) or for maintenance, cleaning, or operations. Refer to Health Product Declarations, published separately, for a complete view of these products. Note: This declaration is not intended to address hazards of the installation process.

Required or Recommended Product	URL for Companion Health Product Declaration
<b>Condition when required or recommended and/or other notes</b>	

**NOTES**