# **ADVANCE WATERBORNE INTERIOR ALKYD SATIN (792)** by Benjamin Moore & Co.

**Health Product** Declaration v2.2

created via: HPDC Online Builder

**HPD UNIQUE IDENTIFIER: 27945** 

CLASSIFICATION: 09 90 00 Painting and Coating

PRODUCT DESCRIPTION: A premium quality, waterborne alkyd enamel that delivers the desired flow and leveling characteristics of conventional alkyd paint. It provides a tough, satin finish that stands up to repeated washing. It is easy to apply, resists spattering and cleans up with soap and

# Section 1: Summary

# **Basic Method / Product Threshold**

#### **CONTENT INVENTORY**

**Inventory Reporting Format** 

- C Nested Materials Method
- Basic Method

Threshold Disclosed Per

- Material
- Product

Threshold Level

- C 1,000 ppm
- C Per GHS SDS
- Other

Residuals/Impurities

- Considered
- C Partially Considered
- O Not Considered

Explanation(s) provided for Residuals/Impurities?

Yes ○ No

All Substances Above the Threshold Indicated Are:

Characterized

% weight and role provided for all substances.

Screened

○ Yes Ex/SC ⊙ Yes ○ No

All substances screened using Priority Hazard Lists with

results disclosed.

Identified

○ Yes Ex/SC ⊙ Yes ○ No

All substances disclosed by Name (Specific or Generic) and Identifier.

### 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** 

ADVANCE WATERBORNE INTERIOR ALKYD SATIN (792) [ WATER BM-4 TITANIUM DIOXIDE LT-1 | CAN | END KAOLIN LT-UNK | CAN NEPHELINE SYENITE LT-UNK LIMESTONE BM-3dg S/L/CA, AMORPHOUS BM-1 | CAN PROPYLENE GLYCOL BM-2 | END CARBON BLACK BM-1 | CAN C9-11 PARETH-3 LT-P1 | MUL SILOXANES AND SILICONES, DI-ME, 3-HYDROXYPROPYL GROUP-TERMINATED, ETHERS WITH POLYETHYLENE-POLYPROPYLENE GLYCOL MONO-ME ETHER NoGS ETHOXYLATED-2,4,7,9-TETRAMETHYL-5-DECYNE-4,7-DIOL LT-P1 | MUL TRIETHYLAMINE LT-UNK | SKI | PHY 2,4,7,9-TETRAMETHYL-5-DECYNE-4,7-DIOL LT-UNK POLOXALENE LT-UNK 1,1,1-TRIS(HYDROXYMETHYL)PROPANE LT-UNK POLYOXYETHYLENE ISODECYL ETHER LT-UNK ALCOHOLS, C12-14, ETHOXYLATED PROPOXYLATED LT-P1 | MUL ALUMINA TRIHYDRATE BM-2 | RES SILICA GEL LT-UNK ]

Number of Greenscreen BM-4/BM3 contents ... 1

Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1

Nanomaterial ... No

**INVENTORY AND SCREENING NOTES:** 

None

### **VOLATILE ORGANIC COMPOUND (VOC) CONTENT**

Material (g/l): 17.00 Regulatory (g/l): 43.00 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: CDPH Standard Method V1.2 (Section 01350/CHPS) -

Classroom & Office scenario

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Classroom & Office scenario

VOC content: SCAQMD Rule 1113 Architectural Coatings - Flats, floor coatings, non flat coatings, quick dry enamels, roof coatings only - 2007 amendments

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**CONSISTENCY WITH OTHER PROGRAMS** 

Third Party Verified?

PREPARER: Self-Prepared

C Yes⊙ No

VERIFICATION #:

VERIFIER:

SCREENING DATE: 2022-03-28 PUBLISHED DATE: 2022-03-28 EXPIRY DATE: 2025-03-28

# 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 2.2, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-2-standard

# **ADVANCE WATERBORNE INTERIOR ALKYD SATIN (792)**

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Impurities considered where applicable

OTHER PRODUCT NOTES: None

WATER	TER ID: 7732-18-5						
HAZARD SCREENING METHO	REENING METHOD: Pharos Chemical and Materials Library		REENING DATE:	2022-03-28 14:27:02			
%: 60.0000 - 65.0000	GS: <b>BM-4</b>	RC: None	NANO: No	SUBSTANCE ROLE: Diluent			
HAZARD TYPE	AGENCY AND LIST TITLES	WARN	NINGS				
None found			No warnings fo	ound on HPD Priority Hazard Lists			
SUBSTANCE NOTES: None							

TITANIUM DIOXIDE					ID: 13463-67-7	
HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZA	ARD SCREENING DATE:		2022-03-28 14:27:02	
%: 20.0000 - 25.0000	GS: LT-1	RC: N	lone	NANO: No	SUBSTANCE ROLE: Pigment	
HAZARD TYPE	AGENCY AND LIST TITLES		WARN	INGS		
CAN	US CDC - Occupational Carcinogens		Occup	ational Carcinog	en	
CAN	CA EPA - Prop 65		Carcin route	o chemical form or exposure		
CAN	IARC		Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources			
CAN	MAK			•	Evidence of carcinogenic effects ablish MAK/BAT value	
END	TEDX - Potential Endocrine Disruptors		Potent	ial Endocrine Dis	sruptor	
CAN	MAK			ogen Group 4 - N k under MAK/BA	Non-genotoxic carcinogen with	
CAN	EU - GHS (H-Statements) Annex 6 Table	3-1	H351 - Catego	•	ausing cancer [Carcinogenicity -	
SUBSTANCE NOTES: None						

KAOLIN ID: 1332-58-7

HAZARD SCREENING METHOD:	SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DA		REENING DATE:	E: 2022-03-28 14:27:03			
%: 5.0000 - 10.0000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Filler			
HAZARD TYPE	AGENCY AND LIST TITLES	ST TITLES WARNINGS					
CAN	MAK		Carcinogen Group 3B - Evidence of carcinogenic effect but not sufficient for classification				
SUBSTANCE NOTES:							

NEPHELINE SYENITE	EPHELINE SYENITE ID: 37244-96-5						
HAZARD SCREENING METHO	HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		REENING DATE:	2022-03-28 14:27:03			
%: 5.0000 - 10.0000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Filler			
HAZARD TYPE	AGENCY AND LIST TITLES	WARN	NINGS				
None found			No warnings for	ound on HPD Priority Hazard Lists			
SUBSTANCE NOTES:							

LIMESTONE	<b>IESTONE</b> ID: 1317-65-3						
HAZARD SCREENING METHO	ARD SCREENING METHOD: Pharos Chemical and Materials Library		REENING DATE:	2022-03-28 14:27:04			
%: 5.0000 - 10.0000	GS: <b>BM-3dg</b>	RC: None	NANO: No	SUBSTANCE ROLE: Filler			
HAZARD TYPE	AGENCY AND LIST TITLES	WARN	IINGS				
None found			No warnings for	ound on HPD Priority Hazard Lists			
SUBSTANCE NOTES:							

SILICA, AMORPHOUS		ID: <b>7631-86-9</b>				
HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2022-03-28 14:27:05				
%: Impurity/Residual	GS: <b>BM-1</b>	RC: None NANO: No SUBSTANCE ROLE: Impurity/Residual				
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]				
SUBSTANCE NOTES: None						

PROPYLENE GLYCOL				ID: <b>57-55-6</b>
HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZARD S	CREENING D	DATE: 2022-03-28 14:27:05
%: Impurity/Residual	GS: <b>BM-2</b>	RC: None	NANO: No	SUBSTANCE ROLE: Impurity/Residual

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor

SUBSTANCE NOTES: None

HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZARD SC	REENING DATE:	2022-03-28 14:27:06			
%: 0.5000 - 1.0000	GS: <b>BM-1</b>	RC: None	NANO: <b>No</b>	SUBSTANCE ROLE: Pigment			
HAZARD TYPE	AGENCY AND LIST TITLES	WARN	IINGS				
CAN	US CDC - Occupational Carcinogens	Оссир	Occupational Carcinogen				
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic but not sufficient for classification					
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or route		o chemical form or exposure			
CAN	IARC	Group 2B - Possibly carcinogenic to humans - inform occupational sources					

C9-11 PARETH-3				ID: 68439-46-
HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZARD SO	CREENING DAT	E: 2022-03-28 14:27:06
%: 0.1000 - 0.5000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Surfactant
HAZARD TYPE	AGENCY AND LIST TITLES	WAR	NINGS	
MUL	German FEA - Substances Hazardous t Waters	o Class	2 - Hazard to \	<i>N</i> aters
SUBSTANCE NOTES:				

SILOXANES AND SILICONES, DI-ME, 3-HYDROXYPROPYL GROUP-TERMINATED, ETHERS WITH POLYETHYLENE-POLYPROPYLENE GLYCOL MONO-ME ETHER

ID: 157479-55-5

HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZARD SO	CREENING DAT	E: 2022-03-28 14:27:07	
%: 0.1000 - 0.5000	GS: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Surfactant	
HAZARD TYPE	AGENCY AND LIST TITLES	WARI	NINGS		
None found			No warnings	s found on HPD Priority Hazard Lists	
SUBSTANCE NOTES:					

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

ID: 9014-85-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-03-28 14:27:07

%: 0.1000 - 0.5000	GS: LT-P1	RC: N	one	NANO: <b>No</b>	SUBSTANCE ROLE: Surfactant	
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS				
MUL	German FEA - Substances Hazardous to Waters		Class 2 - Hazard to Waters			
SUBSTANCE NOTES:						

TRIETHYLAMINE					ID: 121-44-
HAZARD SCREENING METHOD	: Pharos Chemical and Materials Library	HAZ	ARD SC	REENING DATE:	2022-03-28 14:27:08
%: 0.1000 - 0.5000	GS: LT-UNK	RC:	None	NANO: No	SUBSTANCE ROLE: Catalyst
HAZARD TYPE	AGENCY AND LIST TITLES		WARN	INGS	
SKI	EU - GHS (H-Statements) Annex 6 Tabl	e 3-1			skin burns and eye damage [Skin ategory 1A or 1B or 1C]
PHY	EU - GHS (H-Statements) Annex 6 Tabl	e 3-1		Highly flammab - Category 2]	le liquid and vapour [Flammable
SUBSTANCE NOTES:					

2,4,7,9-TETRAMETHYL-5-DECY	NE-4,7-DIOL			ID: <b>126-86-</b> 3
HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZARD SO	CREENING DAT	E: 2022-03-28 14:27:08
%: 0.1000 - 0.5000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Surfactant
HAZARD TYPE	AGENCY AND LIST TITLES	WARI	NINGS	
None found			No warnings	s found on HPD Priority Hazard Lists
SUBSTANCE NOTES:				

POLOXALENE				ID: 9003-11-6
HAZARD SCREENING METHOD	: Pharos Chemical and Materials Library	HAZARD S	CREENING D	OATE: 2022-03-28 14:27:09
%: 0.1000 - 0.5000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	AGENCY AND LIST TITLES	WAF	RNINGS	
None found			No warni	ngs found on HPD Priority Hazard Lists
SUBSTANCE NOTES:				

1,1,1-TRIS(HYDROXYMETHYL)P	ROPANE			ID: <b>77-99-6</b>	
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2022-03-28 14:27:09		
%: 0.1000 - 0.5000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Curing agent	
HAZARD TYPE	AGENCY AND LIST TITLES	WARI	NINGS		
None found			No warning	s found on HPD Priority Hazard Lists	

# POLYOXYETHYLENE ISODECYL ETHER

ID: 61827-42-7

HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZARD SC	REENING DATE	E: 2022-03-28 14:27:10
%: 0.1000 - 0.5000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Defoamer
HAZARD TYPE	AGENCY AND LIST TITLES	WARN	IINGS	
None found			No warnings	found on HPD Priority Hazard Lists
SUBSTANCE NOTES:				

# ALCOHOLS, C12-14, ETHOXYLATED PROPOXYLATED

ID: 68439-51-0

HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZARD SO	CREENING DAT	E: 2022-03-28 14:27:10
%: 0.1000 - 0.5000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Surfactant
HAZARD TYPE	AGENCY AND LIST TITLES	WAR	NINGS	
MUL	German FEA - Substances Hazardous t Waters	o Class	2 - Hazard to V	Vaters

SUBSTANCE NOTES:

ALUMINA TRIHYDRATE ID: 21645-51-2

HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	y HAZARD SCREENING DATE: 2022-03-28 14:27:		TE: 2022-03-28 14:27:11
%: 0.0500 - 1.0000	GS: <b>BM-2</b>	RC: None	NANO: No	SUBSTANCE ROLE: Fixing agent
HAZARD TYPE	AGENCY AND LIST TITLES	WAR	NINGS	
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced		nsitizer-induced

SUBSTANCE NOTES: None

SILICA GEL ID: 112926-00-8

HAZARD SCREENING METHOD:	Pharos Chemical and Materials Library	HAZARD SC	REENING DATI	E: 2022-03-28 14:27:11
%: <b>0.0500 - 1.0000</b>	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Defoamer
HAZARD TYPE	AGENCY AND LIST TITLES	WARN	IINGS	
None found			No warnings	found on HPD Priority Hazard Lists

SUBSTANCE NOTES: None

# 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	CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario			
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All CERTIFICATE URL:	ISSUE DATE: 2019-03- 08	EXPIRY DATE: 2022- 03-08	CERTIFIER OR LAB: Berkeley Analytical	
CERTIFICATION AND COMPLIANCE NOTES: None				
VOC EMISSIONS	CDPH Standard Metho	od V1.2 (Section 01350/C	HPS) - Classroom & Office scenario	
CERTIFYING PARTY: Third Party APPLICABLE FACILITIES: All CERTIFICATE URL:	ISSUE DATE: 2022-03- 23	EXPIRY DATE:	CERTIFIER OR LAB: berkeley analytical	
CERTIFICATION AND COMPLIANCE NOTES:				
VOC CONTENT		rchitectural Coatings - Fl of coatings only - 2007 ar	lats, floor coatings, non flat coatings, mendments	
CERTIFYING PARTY: Self-declared APPLICABLE FACILITIES: All CERTIFICATE URL:	ISSUE DATE: 2019-03- 19	EXPIRY DATE:	CERTIFIER OR LAB: None	
CERTIFICATION AND COMPLIANCE NOTES: None				
VOC CONTENT		rchitectural Coatings - Fl of coatings only - 2007 ar	lats, floor coatings, non flat coatings, mendments	
CERTIFYING PARTY: Self-declared APPLICABLE FACILITIES: All CERTIFICATE URL: CERTIFICATION AND COMPLIANCE NOTES:	ISSUE DATE: 2022-03- 28	EXPIRY DATE:	CERTIFIER OR LAB: NA	

# **Bection 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.

HPD URL: No HPD available

### **GENNEX COLORANTS (229)**

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Required for all tinted products.

# Section 5: General Notes

Notes are not applicable for this product.

### MANUFACTURER INFORMATION

MANUFACTURER: Benjamin Moore & Co.

ADDRESS: 360 Route 206 Flanders NJ 07836, USA

WEBSITE: www.Benjaminmoore.com

CONTACT NAME: Edja Kouassi
TITLE: Sr. Technical Project Manager

PHONE: 9732522607

EMAIL: Edja.kouassi@benjaminmoore.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** 

**AQU** Aquatic toxicity

**CAN** Cancer

**DEV** Developmental toxicity

END Endocrine activity

EYE Eye irritation/corrosivity

**GEN** Gene mutation

**GLO** Global warming

LAN Land toxicity

MAM Mammalian/systemic/organ toxicity

MUL Multiple

**NEU** Neurotoxicity

NF Not found on Priority Hazard Lists

**OZO** Ozone depletion

PBT Persistent, bioaccumulative, and toxic

PHY Physical hazard (flammable or reactive)

**REP** Reproductive

**RES** Respiratory sensitization

SKI Skin sensitization/irritation/corrosivity

**UNK** Unknown

### 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 (due to insufficient data)

LT-P1 List Translator Possible 1 (Possible Benchmark-1)

LT-1 List Translator 1 (Likely Benchmark-1)

LT-UNK List Translator Benchmark Unknown (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping

to a LT-1 or LTP1 score.)

NoGS No GreenScreen.

### **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.