

COROTECH COMMAND WATERBORNE ACRYLIC URETHANE SATIN BASE (V392)
by Benjamin Moore & Co.

Health Product
Declaration v2.2

created via: HPDC Online Builder

HPD UNIQUE IDENTIFIER: 27410
CLASSIFICATION: 09 90 00 Painting and Coating
PRODUCT DESCRIPTION: This unique product provides epoxy toughness in a ready-to use waterborne formula for walls, ceilings and trim (not ideal for floors). Low VOC and water cleanup make this product ideal for use in occupied areas. The cured film is scrubbable, resists water and common cleaning chemicals, and stands up to abrasion and marring. Excellent adhesion to many surfaces, including

Section 1: SummaryBasic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold Level	Residuals/Impurities	All Substances Above the Threshold Indicated Are:
<input type="radio"/> Nested Materials Method	<input checked="" type="radio"/> 100 ppm	<input checked="" type="radio"/> Considered	Characterized <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No
<input checked="" type="radio"/> Basic Method	<input type="radio"/> 1,000 ppm	<input type="radio"/> Partially Considered	% weight and role provided for all substances.
Threshold Disclosed Per	<input type="radio"/> Per GHS SDS	<input type="radio"/> Not Considered	Screened <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No
<input type="radio"/> Material	<input type="radio"/> Other	Explanation(s) provided for Residuals/Impurities?	All substances screened using Priority Hazard Lists with results disclosed.
<input checked="" type="radio"/> Product		<input checked="" type="radio"/> Yes <input type="radio"/> No	Identified <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> 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
COROTECH COMMAND WATERBORNE ACRYLIC URETHANE SATIN
BASE (V392) | WATER BM-4 TITANIUM DIOXIDE LT-1 | CAN | END
KAOLIN LT-UNK | CAN FERRIC OXIDE, YELLOW LT-UNK
DIPROPYLENE GLYCOL N-BUTYL ETHER (DPNB) LT-UNK CARBON
BLACK BM-1 | CAN FERRIC OXIDE BM-1 | CAN ZINC PHOSPHATE
LT-P1 | MUL | AQU ETHENE, HOMOPOLYMER, OXIDIZED LT-UNK
PROPYLENE GLYCOL BM-2 | END ALUMINUM HYDROXIDE, DRIED
BM-2 SILICA, AMORPHOUS (PRIMARY CASRN IS 7631-86-9) BM-1 |
CAN C12-14 PARETH-7 LT-P1 | MUL HYDROXYETHYL CELLULOSE
LT-P1 | END POLOXALENE LT-UNK POLYETHYLENE GLYCOL
MONO(OCTYLPHENYL) ETHER LT-P1 | END | MUL AMMONIUM
HYDROXIDE LT-P1 | RES | MUL | SKI | AQU |

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): 52.291 Regulatory (g/l): 117.624
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: No Emission Certificate
VOC content: SCAQMD Rule 1113 Architectural Coatings - Flats, floor coatings, non flat coatings, quick dry enamels, roof coatings only - 2007 amendments

CONSISTENCY WITH OTHER PROGRAMS
No pre-checks completed or disclosed.

Third Party Verified?	PREPARER: Self-Prepared	SCREENING DATE: 2022-01-31
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☐ Yes
☒ No

VERIFIER:
VERIFICATION #:

PUBLISHED DATE: 2022-01-31
EXPIRY DATE: 2025-01-31

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

COROTECH COMMAND WATERBORNE ACRYLIC URETHANE SATIN BASE (V392)

PRODUCT THRESHOLD: 100 ppm	RESIDUALS AND IMPURITIES CONSIDERED: Yes
RESIDUALS AND IMPURITIES NOTES: Impurities considered where applicable	
OTHER PRODUCT NOTES: None	

WATERID: 7732-18-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-01-31 19:46:56		
%: 50.0000 - 55.0000	GS: BM-4	RC: None	NANO: No	SUBSTANCE ROLE: Diluent
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				

TITANIUM DIOXIDEID: 13463-67-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-01-31 19:46:57			
%: 15.0000 - 20.0000		GS: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
CAN	US CDC - Occupational Carcinogens		Occupational Carcinogen		
CAN	CA EPA - Prop 65		Carcinogen - specific to chemical form or exposure route		
CAN	IARC		Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources		
CAN	MAK		Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value		
END	TEDX - Potential Endocrine Disruptors		Potential Endocrine Disruptor		
CAN	MAK		Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels		
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1		H351 - Suspected of causing cancer [Carcinogenicity - Category 2]		
SUBSTANCE NOTES:					

KAOLINID: 1332-58-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-01-31 19:46:57		
%: 5.0000 - 10.0000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Filler
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification		
SUBSTANCE NOTES:				

FERRIC OXIDE, YELLOW

ID: 51274-00-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-01-31 19:46:58		
%: 1.0000 - 5.0000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found	No warnings found on HPD Priority Hazard Lists			
SUBSTANCE NOTES:				

DIPROPYLENE GLYCOL N-BUTYL ETHER (DPNB)

ID: 29911-28-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-01-31 19:46:58		
%: 1.0000 - 5.0000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Solvent
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				

CARBON BLACK

ID: 1333-86-4

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-01-31 19:46:59				
%: 1.0000 - 5.0000		GS: BM-1		RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE		AGENCY AND LIST TITLES		WARNINGS		
CAN		US CDC - Occupational Carcinogens		Occupational Carcinogen		
CAN		MAK		Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification		
CAN		CA EPA - Prop 65		Carcinogen - specific to chemical form or exposure route		
CAN		IARC		Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources		
SUBSTANCE NOTES:						

FERRIC OXIDE

ID: 1309-37-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-01-31 19:46:59		
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%: 1.0000 - 5.0000		GS: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
CAN	MAK		Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification		
SUBSTANCE NOTES:					

ZINC PHOSPHATE				ID: 7779-90-0	
HAZARD SCREENING METHOD:		Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2022-01-31 19:47:00		
%: 1.0000 - 5.0000		GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Filler
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
MUL	German FEA - Substances Hazardous to Waters		Class 2 - Hazard to Waters		
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1		H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]		
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1		H410 - Very toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 1]		
SUBSTANCE NOTES:					

ETHENE, HOMOPOLYMER, OXIDIZED				ID: 68441-17-8		
HAZARD SCREENING METHOD:		Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-01-31 19:47:01		
%: 1.0000 - 5.0000		GS: LT-UNK		RC: None	NANO: No	SUBSTANCE ROLE: Binder
HAZARD TYPE		AGENCY AND LIST TITLES		WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists				
SUBSTANCE NOTES:						

PROPYLENE GLYCOL					ID: 57-55-6
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2022-01-31 19:47:01		
%: 0.5000 - 1.0000		GS: BM-2	RC: None	NANO: No	SUBSTANCE ROLE: Solvent
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
END	TEDX - Potential Endocrine Disruptors		Potential Endocrine Disruptor		
SUBSTANCE NOTES:					

ALUMINUM HYDROXIDE, DRIED					ID: 21645-51-2
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2022-01-31 19:47:02		
%: 0.5000 - 1.0000		GS: BM-2	RC: None	NANO: No	SUBSTANCE ROLE: Filler

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				
SILICA, AMORPHOUS (PRIMARY CASRN IS 7631-86-9)				
ID: 37241-25-1				
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-01-31 19:47:02		
%: 0.5000 - 1.0000	GS: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Filler
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:				
C12-14 PARETH-7				
ID: 68439-50-9				
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-01-31 19:47:03		
%: 0.1000 - 0.5000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Surfactant
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
SUBSTANCE NOTES:				
HYDROXYETHYL CELLULOSE				
ID: 9004-62-0				
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-01-31 19:47:03		
%: 0.1000 - 0.5000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Binder
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor		
SUBSTANCE NOTES:				
POLOXALENE				
ID: 9003-11-6				
HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-01-31 19:47:04		
%: 0.1000 - 0.5000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Binder
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES:				

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-01-31 19:47:04			
%: 0.1000 - 0.5000		GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Surfactant
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
END	TEDX - Potential Endocrine Disruptors		Potential Endocrine Disruptor		
END	ChemSec - SIN List		Endocrine Disruption		
MUL	German FEA - Substances Hazardous to Waters		Class 3 - Severe Hazard to Waters		
SUBSTANCE NOTES:					

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2022-01-31 19:48:42			
%: 0.1000 - 0.5000		GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Buffer
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
RES	AOEC - Asthmagens		Asthmagen (Rs) - sensitizer-induced		
MUL	German FEA - Substances Hazardous to Waters		Class 2 - Hazard to Waters		
RES	AOEC - Asthmagens		Asthmagen (Rr&Rs) - irritant-induced & sensitizer-induced		
SKI	EU - GHS (H-Statements) Annex 6 Table 3-1		H314 - Causes severe skin burns and eye damage [Skin corrosion/irritation - Category 1A or 1B or 1C]		
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1		H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]		
SUBSTANCE NOTES:					

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	No Emission Certificate		
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2022-01-	EXPIRY DATE:	CERTIFIER OR LAB: N/A
APPLICABLE FACILITIES: All	31		
CERTIFICATE URL:			
CERTIFICATION AND COMPLIANCE NOTES: None			

VOC CONTENT	SCAQMD Rule 1113 Architectural Coatings - Flats, floor coatings, non flat coatings, quick dry enamels, roof coatings only - 2007 amendments		
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2022-01-	EXPIRY DATE:	CERTIFIER OR LAB: N/A
APPLICABLE FACILITIES: All	31		
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

Notes are not applicable for this product

MANUFACTURER INFORMATION

MANUFACTURER: Benjamin Moore & Co.
ADDRESS: 360 Route 206
Flanders NJ 07836, United States
WEBSITE: www.benjaminmoore.com

CONTACT NAME: Edja Kouassi
TITLE: Sr. Technical Project Manager
PHONE: 9732522607
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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	LAN Land toxicity	PHY Physical hazard (flammable or reactive)
CAN Cancer	MAM Mammalian/systemic/organ toxicity	REP Reproductive
DEV Developmental toxicity	MUL Multiple	RES Respiratory sensitization
END Endocrine activity	NEU Neurotoxicity	SKI Skin sensitization/irritation/corrosivity
EYE Eye irritation/corrosivity	NF Not found on Priority Hazard Lists	UNK Unknown
GEN Gene mutation	OZO Ozone depletion	
GLO Global warming	PBT Persistent, bioaccumulative, and toxic	

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	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.)
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)	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.