

CLASSIFICATION: 09 91 23.00 Finishes: Interior Painting

created via: HPDC Online Builder

PRODUCT DESCRIPTION: Rodda Paint's Unique II Enamel Undercoater is part of the premium family of acrylic Unique II enamels, delivering high performance and versatility. The low-odor formula of Unique II Enamel Undercoater white waterborne primer is designed for exceptional enamel hold-out, will build and sand easily, and resists raising grain on new wood for a smooth enamel finish. This premium undercoater is the recommended first coat primer for a uniform enamel finish, and is easy to apply with brush, roller or sprayer providing great hide, coverage and gloss retention for enamel topcoats with low odor during application and minimal spatter. An excellent choice for all residential and commercial painting projects, Unique II Enamel Undercoater is MPI approved and specified by architects looking for a premium enamel finish on all interior surfaces including drywall and plaster, high traffic areas, doors, trim and millwork. The Unique II line is ideally suited for commercial projects where formal industry quality approvals are required, is available in one gallon cans and five gallon pails, can be tinted with up to 2 ounces of colorant to aid color change topcoats, and cleans up with water. Product Code: 502001

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- Basic Method

Threshold Disclosed Per

- Material
- Product

Threshold level

- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Per OSHA MSDS
- Other

Residuals/Impurities

- Considered
- Partially Considered
- Not Considered

Explanation(s) provided for Residuals/Impurities?

- Yes
- No

Are All Substances Above the Threshold Indicated:

Characterized Yes No
Percent Weight and Role Provided?

Screened Yes No
Using Priority Hazard Lists with Results Disclosed?

Identified Yes No
Name and Identifier Provided?

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

UNIQUE II ENAMEL UNDERCOAT [**WATER** **BM-4** **LIMESTONE; CALCIUM CARBONATE** **LT-UNK** **ACRYLIC POLYMER** **LT-UNK** **TITANIUM DIOXIDE** **LT-1** | CAN | END **DIPROPYLENE GLYCOL MONOMETHYL ETHER** **LT-UNK** **1,3-PENTANEDIOL, 2,2,4-TRIMETHYL-, MONOISOBUTYRATE** **LT-UNK** | CAN **SILICA, AMORPHOUS** **LT-P1** | CAN **ALUMINA TRIHYDRATE** **BM-2** | RES **PROPYLENE GLYCOL** **BM-2** | END **UNDISCLOSED** **LT-UNK** **UNDISCLOSED** **LT-UNK** **AMMONIUM HYDROXIDE** **LT-P1** | SKI | AQU | RES | MUL **SOLVENT-DEWAXED HEAVY PARAFFINIC PETROLEUM DISTILLATES** **LT-1** | CAN | MUL **ENGLISH FULLERS EARTH** **NoGS** **UNDISCLOSED** **LT-UNK** **QUARTZ** **LT-1** | CAN **CHLORITE (CHLORITE)** **NoGS**]

Number of Greenscreen BM-4/BM3 contents..... 1
Contents highest concern GreenScreen Benchmark or List translator Score..... LT-1
Nanomaterial..... No

INVENTORY AND SCREENING NOTES:

This Health Product Declaration (HPD) was completed in accordance with the HPD Standard version 2.1, and discloses hazards associated with all substances present at or above 1000 parts per million (ppm) in the finished product, along with the role and percent weight. Therefore, this HPD qualifies for the LEED v4 MR credit Building Product Disclosure and Optimization: Material Ingredient Reporting (Option 1). Substances not "Identified" are those considered proprietary to suppliers, and thus are "Undisclosed" on this HPD.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 76 Regulatory (g/l):
Does the product contain exempt VOCs: No
Are ultra-low VOC tints available: Yes

CERTIFICATIONS AND COMPLIANCE *See Section 3 for additional listings.*

No certifications have been added to this HPD.

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?
 Yes
 No
PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #:

SCREENING DATE: 2018-01-08
PUBLISHED DATE: 2018-01-08
EXPIRY DATE: 2021-01-08

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 2.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-standard

UNIQUE II ENAMEL UNDERCOAT

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals or impurities with the potential to be present at or above the Content Inventory Threshold indicated that return a GS score of BM-1, LT-1, LT-P1 or NoGS have been disclosed, based on information provided in supplier disclosure letters, supplier SDS, and as predicted by process chemistry (Pharos CML).

OTHER PRODUCT NOTES: Percent by weight of substances reported as range in order to further protect the proprietary nature of this formulation.

WATER

ID: 7732-18-5

#: **45.0000 - 50.0000** GS: **BM-4** RC: **None** NANO: **No** ROLE: **Diluent; Flow Aid**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES:

LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

#: **15.0000 - 20.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Extender**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Identified on the US EPA Safer Chemical Ingredient List.

ACRYLIC POLYMER

ID: **Undisclosed**

#: **10.0000 - 15.0000** GS: **LT-UNK** RC: **None** NANO: **No** ROLE: **Binder**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Supplier has shared substance name and CASRN under the terms of a non-disclosure agreement with third-party consultant; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed.

TITANIUM DIOXIDE

ID: 13463-67-7

HAZARDS:	AGENCY(IES) WITH WARNINGS:			
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 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	
ENDOCRINE	TEDX - Potential Endocrine Disruptors		Potential Endocrine Disruptor	

SUBSTANCE NOTES: Substance bound in matrix of finished product. Identified on the US EPA Safer Chemical Ingredient List. Form-specific hazards: airborne particles of respirable size – occupational setting. Specific guidelines are being created to address known issues related to transparency and disclosure for several materials (“Special Conditions”), including those with Form-Specific Hazards such as Titanium Dioxide. This HPD will be updated as appropriate when these guidelines become available. The Material Health Harmonization Task Group convened by the USGBC states that pigmentary titanium dioxide was “determined to be Benchmark 2 using the full GS (GreenScreen) method” (<http://ow.ly/Z5ken>).

DIPROPYLENE GLYCOL MONOMETHYL ETHER

ID: 34590-94-8

HAZARDS:	AGENCY(IES) WITH WARNINGS:			
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
None Found	No warnings found on HPD Priority lists			

SUBSTANCE NOTES: Identified on the US EPA Safer Chemical Ingredient List.

1,3-PENTANEDIOL, 2,2,4-TRIMETHYL-, MONOISOBUTYRATE

ID: 25265-77-4

HAZARDS:	AGENCY(IES) WITH WARNINGS:			
HAZARDS:	AGENCY(IES) WITH WARNINGS:			
CANCER	MAK		Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value	

SUBSTANCE NOTES:

SILICA, AMORPHOUS

ID: 7631-86-9

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

ALUMINA TRIHYDRATE

ID: 21645-51-2

#: 0.5000 - 1.0000	GS: BM-2	RC: None	NANO: No	ROLE: Opacifying Agent
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HAZARDS:	AGENCY(IES) WITH WARNINGS:	
RESPIRATORY	AOEC - Asthmagens	Asthmagen (ARs) - sensitizer-induced - inhalable forms only

SUBSTANCE NOTES: Form-specific hazard not expected to apply once substance bound in matrix of finished product.

PROPYLENE GLYCOL

ID: 57-55-6

#: 0.1000 - 0.5000	GS: BM-2	RC: None	NANO: No	ROLE: Flow Additive
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HAZARDS:	AGENCY(IES) WITH WARNINGS:	
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor

SUBSTANCE NOTES: Identified on the US EPA Safer Chemical Ingredient List.

UNDISCLOSED

#: 0.1000 - 0.5000	GS: LT-UNK	RC: None	NANO: No	ROLE: Dispersant
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HAZARDS:	AGENCY(IES) WITH WARNINGS:	
None Found	No warnings found on HPD Priority lists	

SUBSTANCE NOTES: Supplier has shared substance name and CASRN under the terms of a non-disclosure agreement with third-party consultant; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed.

UNDISCLOSED

#: 0.1000 - 0.5000	GS: LT-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: Supplier has shared substance name and CASRN under the terms of a non-disclosure agreement with third-party consultant; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed.

AMMONIUM HYDROXIDE

ID: 1336-21-6

#: 0.1000 - 0.2000	GS: LT-P1	RC: None	NANO: No	ROLE: pH Adjustment
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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: Synonyms: Ammonia solution; Household ammonia

SOLVENT-DEWAXED HEAVY PARAFFINIC PETROLEUM DISTILLATES

ID: 64742-65-0

%: **0.1000 - 0.2000** GS: **LT-1** RC: **None** NANO: **No** ROLE: **Foam Control Agent**

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
CANCER	Australia - GHS	H350 - May cause cancer

SUBSTANCE NOTES: Substance bound in matrix of finished product. According to Pharos CML: "The classification as a carcinogen need not apply if it can be shown that the substance contains less than 3% DMSO extract". We are working with our supplier to determine if this exception applies to this substance. As per supplier SDS, no component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen by IARC, OSHA, or NTP. Supplier SDS further states: "This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm."

ENGLISH FULLERS EARTH

ID: 8031-18-3

%: **0.1000 - 0.5000** GS: **NoGS** RC: **None** NANO: **No** ROLE: **Extender**

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
None Found	No warnings found on HPD Priority lists	

SUBSTANCE NOTES:

UNDISCLOSED

#: 0.0500 - 0.1000

GS: LT-UNK

RC: None

NANO: No

ROLE: Foam Control Agent

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Supplier has shared substance name and CASRN under the terms of a non-disclosure agreement with third-party consultant; substance to remain proprietary to supplier. Substance has been screened against HPD Priority Lists using the HPD Builder with results disclosed.

QUARTZ

ID: 14808-60-7

#: Impurity/Residual

GS: LT-1

RC: None

NANO: No

ROLE: Impurity/Residual

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

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

CANCER

IARC

Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources

CANCER

New Zealand - GHS

6.7A - Known or presumed human carcinogens

CANCER

Australia - GHS

H350 - May cause cancer

SUBSTANCE NOTES: Potential impurity of various geological materials (e.g. limestone). Quartz is one of several compounds with warnings restricted to respirable forms (Silica, crystalline - airborne particles of respirable size). Specific guidelines are being created to address known issues related to transparency and disclosure for several materials ("Special Conditions"), including those with Form-Specific Hazards such as Quartz/Silica. This HPD will be updated as appropriate when these guidelines become available.

CHLORITE (CHLORITE)

ID: 1318-59-8

#: Impurity/Residual

GS: NoGS

RC: None

NANO: No

ROLE: Impurity/Residual

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Chlorite Group Minerals. Potential impurity of Talc based on information provided in supplier SDS.

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.

No accessories are required for this product.

Section 5: General Notes

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: Cloverdale Paint Inc. - Cloverdale Paint & Rodda Paint Co.

ADDRESS: 6107 N Marine Drive
Portland OR 97203, USA

WEBSITE: Information in Canada:
www.cloverdalepaint.com, and USA:
www.roddapaint.com

CONTACT NAME: Jeff McIntyre

TITLE: Business Development Manager

PHONE: 206.396.7074

EMAIL: jmcintyre@roddapaint.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)

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)

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.