

CLASSIFICATION: 09 91 23.00 Finishes: Interior Painting

created via: HPDC Online Builder

**PRODUCT DESCRIPTION:** Rodda Paint's DryFall is a professional water-based interior paint formulated for spray application over industrial or commercial ceiling surfaces. DryFall is available in a flat white and flat black, along with a white eggshell finish. The white finishes hide imperfections with best light reflectance values and work well in warehouse ceilings, or areas where little ambient light or fewer light fixtures are present. The flat black finish hides imperfections over a variety of surfaces and allows ceiling structures to be less conspicuous, ideal for public areas and restaurant applications. Rodda's DryFall is formulated with outstanding adhesion to a wide variety of surfaces to cover solid ceiling structures, vents and ductwork. Under normal environmental conditions, DryFall has a fall rate of 12-15 feet, allowing overspray to dry before reaching the floor, to be swept for easy clean-up. DryFall is recommended for a variety of typical overhead substrates and sprays easily for commercial applications with water clean up. Rodda's DryFall coating is listed under multiple Master Painter Institute 'MPI Approved' categories. This HPD covers DryFall in white. Product Code: 513801

**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**

**DRYFALL INTERIOR ACRYLIC LATEX FLAT [ LIMESTONE; CALCIUM CARBONATE [LT-UNK] WATER [BM-4] TITANIUM DIOXIDE [LT-1] | CAN | END TALC [BM-1] | CAN ACRYLIC POLYMER [LT-UNK] DIATOMACEOUS EARTH (UNCALCINED) [LT-P1] | CAN ETHANOL [BM-2] | CAN | DEL | END | REP | PHY SOLVENT-DEWAXED HEAVY PARAFFINIC PETROLEUM DISTILLATES [LT-1] | CAN | MUL UNDISCLOSED [NoGS] HYDROXYETHYL CELLULOSE [LT-P1] | END AMMONIUM HYDROXIDE [LT-P1] | SKI | AQU | RES | MUL 1,3-PENTANEDIOL, 2,2,4-TRIMETHYL-, MONOISOBUTYRATE [LT-UNK] | CAN ISOPROPYL ALCOHOL [BM-2] | EYE | PHY SILICA, AMORPHOUS [LT-P1] | CAN ALUMINA TRIHYDRATE [BM-2] | RES QUARTZ [LT-1] | CAN CHLORITE [NoGS] ]**

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:**

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): <50 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? PREPARER: Self-Prepared  
VERIFIER:  
VERIFICATION #:  
 Yes  
 No

SCREENING DATE: 2018-01-08  
PUBLISHED DATE: 2018-01-09  
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](http://www.hpd-collaborative.org/hpd-2-1-standard)

### DRYFALL INTERIOR ACRYLIC LATEX FLAT

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.

#### LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

#: 40.0000 - 45.0000 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.

#### WATER

ID: 7732-18-5

#: 30.0000 - 35.0000 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:

#### TITANIUM DIOXIDE

ID: 13463-67-7

#: 5.0000 - 10.0000 GS: LT-1 RC: None NANO: No ROLE: Pigment

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
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ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
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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>).

### TALC

ID: 14807-96-6

%: 5.0000 - 10.0000	GS: BM-1	RC: None	NANO: No	ROLE: Extender
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
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CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
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SUBSTANCE NOTES: Substance bound in matrix of finished product. GreenScreen® Assessment for Talc (CAS# 14807-96-6) assigns the following GreenScreen® Benchmark Scores for Relevant Routes of Exposure: Inhalation (BM-1); Oral (BM-3DG); Dermal (BM-U).

### ACRYLIC POLYMER

ID: Undisclosed

%: 1.0000 - 5.0000	GS: LT-UNK	RC: None	NANO: No	ROLE: Binder
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
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None Found	No warnings found on HPD Priority lists
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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.

### DIATOMACEOUS EARTH (UNCALCINED)

ID: 61790-53-2

%: 1.0000 - 5.0000	GS: LT-P1	RC: None	NANO: No	ROLE: Extender
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
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CANCER	Japan - GHS	Carcinogenicity - Category 1A
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SUBSTANCE NOTES: Substance bound in matrix of finished product.

### ETHANOL

ID: 64-17-5

%: 0.5000 - 1.0000	GS: BM-2	RC: None	NANO: No	ROLE: Diluent, Drying Aid
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
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CANCER	IARC	Group 1 - Agent is Carcinogenic to humans
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CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	MAK	Carcinogen Group 5 - Genotoxic carcinogen with very slight risk under MAK/BAT levels
DEVELOPMENTAL	CA EPA - Prop 65	Developmental - specific to chemical form or exposure route
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CANCER	Japan - GHS	Carcinogenicity - Category 1A
REPRODUCTIVE	Japan - GHS	Toxic to reproduction - Category 1A
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H225 - Highly flammable liquid and vapour

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

### SOLVENT-DEWAXED HEAVY PARAFFINIC PETROLEUM DISTILLATES

ID: 64742-65-0

%: **0.2000 - 0.3000**      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."

### UNDISCLOSED

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

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.

**HYDROXYETHYL CELLULOSE**

ID: 9004-62-0

#: <b>0.1000 - 0.5000</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Thickener</b>
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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.

**AMMONIUM HYDROXIDE**

ID: 1336-21-6

#: <b>0.1000 - 0.2000</b>	GS: <b>LT-P1</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>pH Adjustment</b>
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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&amp;Rs) - irritant-induced &amp; 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

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

ID: 25265-77-4

#: <b>0.1000 - 0.5000</b>	GS: <b>LT-UNK</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Coalescing Aid</b>
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

MAK

Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

SUBSTANCE NOTES:

**ISOPROPYL ALCOHOL**

ID: 67-63-0

#: <b>0.1000 - 0.5000</b>	GS: <b>BM-2</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Diluent, Drying Aid</b>
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

EYE IRRITATION

EU - R-phrases

R36 - Irritating to eyes

EYE IRRITATION

EU - GHS (H-Statements)

H319 - Causes serious eye irritation

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

### SILICA, AMORPHOUS

ID: 7631-86-9

#: **0.1000 - 1.0000** GS: **LT-P1** RC: **None** NANO: **No** ROLE: **Extender; Residual/Impurity**

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

Japan - GHS

Carcinogenicity - Category 1A

SUBSTANCE NOTES: Substance bound in matrix of finished product. Also represents Residual/Impurity of Diatomaceous Earth (Pharos CML [Component; Integral (known); 80-90%]).

### ALUMINA TRIHYDRATE

ID: 21645-51-2

#: **0.1000 - 0.5000** GS: **BM-2** RC: **None** NANO: **No** ROLE: **Opacifying Agent**

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.

### 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.

%: <b>Impurity/Residual</b>	GS: <b>NoGS</b>	RC: <b>None</b>	NANO: <b>No</b>	ROLE: <b>Impurity/Residual</b>
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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:**

CONTACT NAME: **Jeff McIntyre**

TITLE: **Business Development Manager**

PHONE: **206.396.7074**

EMAIL: **jmcintyre@roddapaint.com**

## KEY

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

## Hazard Types

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

## GreenScreen (GS)

<b>BM-4</b> Benchmark 4 (prefer-safer chemical)	<b>LT-P1</b> List Translator Possible Benchmark 1
<b>BM-3</b> Benchmark 3 (use but still opportunity for improvement)	<b>LT-1</b> List Translator Likely Benchmark 1
<b>BM-2</b> Benchmark 2 (use but search for safer substitutes)	<b>LT-UNK</b> List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
<b>BM-1</b> Benchmark 1 (avoid - chemical of high concern)	<b>NoGS</b> Unknown (no data on List Translator Lists)
<b>BM-U</b> Benchmark Unspecified (insufficient data to benchmark)	

## Recycled Types

<b>PreC</b> Preconsumer (Post-Industrial)
<b>PostC</b> Postconsumer
<b>Both</b> Both Preconsumer and Postconsumer
<b>Unk</b> Inclusion of recycled content is unknown
<b>None</b> 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.