

HPD UNIQUE IDENTIFIER: 20894

CLASSIFICATION: 09 67 23 Fluid-Applied Flooring

PRODUCT DESCRIPTION: This HPD covers the entire Ucrete HP/F System and all possible colors. Ucrete hygienic floors provide ideal floor finishes for applications in the food, beverage, chemical and pharmaceutical industries. They offer a uniform and seamless flooring system that creates a safe and attractive working environment. Dense and impervious, Ucrete surfaces retain their integrity at temperatures of up to 130°C, and have been proven to meet the most stringent hygiene and cleanliness requirements where a long lasting robust floor is crucial. For employee safety, a wide range of slip resistant profiles are available. Ucrete HP/F is a four component polyurethane concrete system with a flake broadcast. The system is installed at a finished thickness of 1/4 – 3/8" (6 – 9 mm). The thickness is determined by the service and cleaning temperatures and the severity of traffic expected. Ucrete HP/F uses a decorative colored flake broadcast. Ucrete floors are extremely tough and have many physical properties that exceed those of typical concrete. Additional product information and solutions can be found at: <https://www.master-builders-solutions.basf.us/en-us/architects-and-designers>

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- Basic Method

Threshold level

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

Residuals/Impurities

Residuals/Impurities
Considered in 5 of 5 Materials

Explanation(s) provided
for Residuals/Impurities?
 Yes No

All Substances Above the Threshold Indicated Are:

Characterized Yes Ex/SC Yes No
% 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
One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.

Threshold Disclosed Per

- Material
- Product

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

UCRETE PT 3 [QUARTZ LT-1 | CAN PORTLAND CEMENT LT-P1 | END |
CAN UNDISCLOSED NoGS CALCIUM HYDROXIDE LT-P1 GYPSUM LT-
UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK MAGNESIUM OXIDE
LT-UNK | CAN UNDISCLOSED BM-3 UNDISCLOSED LT-UNK] UCRETE PT
1 [UNDISCLOSED NoGS UNDISCLOSED BM-4 UNDISCLOSED LT-UNK
UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK UNDISCLOSED LT-UNK
UNDISCLOSED LT-P1 | PBT UNDISCLOSED LT-P1 | END] UCRETE PT2 [
POLYMERIC MDI (PMDI) LT-UNK | RES | MUL | CAN METHYLENE
BISPHENYL DIISOCYANATE (PURE MDI) LT-UNK | RES | MUL | SKI | EYE |
CAN DIPHENYLMETHANE DIISOCYANATE (MDI) - NON ISOMER SPECIFIC
LT-UNK | MUL | SKI | EYE | RES | CAN ISOCYANIC ACID,
POLYMETHYLENEPOLYPHENYLENE ESTER, POLYMER WITH -HYDRO-
-HYDROXYPOLY(OXY-1,2-ETHANEDIYL) LT-UNK UNDISCLOSED LT-UNK
| MUL | RES] UCRETE PT 4 COLOR [UNDISCLOSED NoGS CHROMIUM
(III) OXIDE LT-P1 | SKI FERRIC OXIDE BM-2 | CAN UNDISCLOSED LT-UNK |
CAN UNDISCLOSED LT-UNK TITANIUM DIOXIDE LT-1 | CAN | END
UNDISCLOSED LT-UNK METHYL SOYATE (HYDROXYFUNCTIONAL
CARBOCYCLIC ACID ESTER WITH PIGMENT) LT-UNK QUARTZ LT-1 | CAN

Number of Greenscreen BM-4/BM3 contents ... 3

Contents highest concern GreenScreen
Benchmark or List translator Score ... LT-1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

All residuals and impurities are included in the threshold review.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 37 g/l max in any one component
Regulatory (g/l): In process to be completed by June
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
VOC emissions: Eurofins Indoor Air Comfort GOLD - certified product
VOC content: VOC Content
Other: Halal Certification Europe

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2019-11-13

PUBLISHED DATE: 2020-06-30

EXPIRY DATE: 2022-11-13



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

UCRETE PT 3

#: 60.0000 - 70.0000

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: All residuals and impurities have been evaluated for regulatory compliance regardless of threshold reporting.

OTHER MATERIAL NOTES: Ucrete Pt 3 is packaged at 38.1 lbs (17.3 kg) for proper ratio,

QUARTZ

ID: 14808-60-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-11-13

#: 70.0000 - 75.0000

GS: LT-1

RC: None

NANO: No

SUBSTANCE ROLE: Filler

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources
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	GHS - New Zealand	6.7A - Known or presumed human carcinogens
CANCER	GHS - Japan	Carcinogenicity - Category 1A [H350]
CANCER	GHS - Australia	H350i - May cause cancer by inhalation

SUBSTANCE NOTES: This substance was assessed for all hazard classifications within the provisions for North America country regulatory requirements.

PORTLAND CEMENT

ID: 65997-15-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-11-13

%: **10.0000 - 20.0000**

GS: **LT-P1**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Binder**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

CANCER

MAK

Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: **This substance was assessed for all hazard classifications within the provisions for North America country regulatory requirements.**

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-11-13**

%: **3.0000 - 8.0000**

GS: **NoGS**

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: **All residuals and impurities above the threshold are included.**

CALCIUM HYDROXIDE

ID: **1305-62-0**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-11-13**

%: **2.0000 - 5.0000**

GS: **LT-P1**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Buffer**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **This substance was assessed for all hazard classifications within the provisions for North America country regulatory requirements**

GYP SUM

ID: **13397-24-5**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-11-13**

%: **0.1000 - 2.0000**

GS: **LT-UNK**

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: **All residuals and impurities above the threshold are included.**

UNDISCLOSED

%: **0.0000 - 2.0000**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: All residuals and impurities above the threshold are included.

UNDISCLOSED%: **0.0000 - 2.0000**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: All residuals and impurities above the threshold are included.

MAGNESIUM OXIDEID: **1309-48-4**%: **0.0000 - 4.0000**GS: **LT-UNK**RC: **None**NANO: **No**SUBSTANCE ROLE: **Binder**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER

MAK

Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

SUBSTANCE NOTES: All residuals and impurities above the threshold are included.

UNDISCLOSED%: **0.0000 - 4.0000**GS: **BM-3**RC: **None**NANO: **No**SUBSTANCE ROLE: **Surfactant**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: This substance was assessed for all hazard classifications within the provisions for North America country regulatory requirements

UNDISCLOSED

%: 0.0000 - 2.0000

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Surfactant

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: This substance was assessed for all hazard classifications within the provisions for North America country regulatory requirements

UCRETE PT 1

%: 12.0000 - 20.0000

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: All residuals and impurities have been evaluated for regulatory compliance regardless of threshold reporting.

OTHER MATERIAL NOTES: Ucrete Pt 1 is delivered as part of the system in a 3 liter package filled to provide the correct ratio. All substances in this material are below the reportable threshold.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-11-13

%: 40.0000 - 50.0000

GS: NoGS

RC: None

NANO: No

SUBSTANCE ROLE: Monomer

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: This substance was assessed for all hazard classifications within the provisions for North America country regulatory requirements.

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-11-13

%: 30.0000 - 35.0000

GS: BM-4

RC: None

NANO: No

SUBSTANCE ROLE: Carrier

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: This substance was assessed for all hazard classifications within the provisions for North America country regulatory requirements

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2019-11-13

%: 15.0000 - 20.0000

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Plasticizer

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: This substance was assessed for all hazard classifications within the provisions for North America country regulatory requirements

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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None found		No warnings found on HPD Priority Hazard Lists
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SUBSTANCE NOTES: This substance was assessed for all hazard classifications within the provisions for North America country regulatory requirements

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2019-11-13
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%: 3.0000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Binder
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HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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None found		No warnings found on HPD Priority Hazard Lists
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SUBSTANCE NOTES: This substance was assessed for all hazard classifications within the provisions for North America country regulatory requirements

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2019-11-13
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%: 0.5000 - 3.0000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Plasticizer
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HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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None found		No warnings found on HPD Priority Hazard Lists
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SUBSTANCE NOTES: This substance was assessed for all hazard classifications within the provisions for North America country regulatory requirements

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2019-11-13
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%: 0.1000 - 3.0000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
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HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
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None found		No warnings found on HPD Priority Hazard Lists
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SUBSTANCE NOTES: This substance was assessed for all hazard classifications within the provisions for North America country regulatory requirements

UNDISCLOSED

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2019-11-13
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%: 0.0000 - 1.0000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
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HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
PBT	EC - CEPA DSL	Persistent, Bioaccumulative and inherently Toxic (PBiTH) to humans

SUBSTANCE NOTES: This substance was assessed for all hazard classifications within the provisions for North America country regulatory requirements

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-11-13**

#: **0.0000 - 3.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Coalescent**

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

SUBSTANCE NOTES: This substance was assessed for all hazard classifications within the provisions for North America country regulatory requirements

UCRETE PT2

#: **10.0000 - 12.0000**

PRODUCT THRESHOLD: **1000 ppm** RESIDUALS AND IMPURITIES CONSIDERED: **Yes** MATERIAL TYPE: **Polymeric Material**

RESIDUALS AND IMPURITIES NOTES: All residuals and impurities are considered within the threshold.

OTHER MATERIAL NOTES: Ucrete DP System is a flow applied mortar for use in Ucrete HP with flake flooring systems. Ucrete HP / F uses a decorated colored flake aggregate, yielding a slightly textured surface. Ucrete floors are extremely tough and have many physical properties that exceeds those of typical concrete.

POLYMERIC MDI (PMDI)

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2019-11-13**

#: **30.0000 - 50.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Intermediate**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (G) - generally accepted
RESTRICTED LIST	US EPA - PPT Chemical Action Plans	EPA Chemical of Concern - Action Plan published
RESPIRATORY	US EPA - PPT Chemical Action Plans	Inhalation sensitizer causing asthma and lung damage
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
RESPIRATORY	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization

SUBSTANCE NOTES: All residuals and impurities above the threshold are included.

METHYLENE BISPHENYL DIISOCYANATE (PURE MDI)

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-11-13**

?: **30.0000 - 50.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Intermediate**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (G) - generally accepted
RESTRICTED LIST	US EPA - PPT Chemical Action Plans	EPA Chemical of Concern - Action Plan published
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
RESPIRATORY	EU - GHS (H-Statements)	H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
CANCER	EU - GHS (H-Statements)	H351 - Suspected of causing cancer
RESPIRATORY	US EPA - PPT Chemical Action Plans	Inhalation sensitizer causing asthma and lung damage
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
RESPIRATORY	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization

SUBSTANCE NOTES: All residuals and impurities above the threshold are included.

DIPHENYLMETHANE DIISOCYANATE (MDI) - NON ISOMER SPECIFIC

ID: **26447-40-5**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-11-13**

?: **Impurity/Residual**

GS: **LT-UNK**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Impurity/Residual**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESTRICTED LIST	US EPA - PPT Chemical Action Plans	EPA Chemical of Concern - Action Plan published
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
RESPIRATORY	EU - GHS (H-Statements)	H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
CANCER	EU - GHS (H-Statements)	H351 - Suspected of causing cancer
RESPIRATORY	US EPA - PPT Chemical Action Plans	Inhalation sensitizer causing asthma and lung damage

SUBSTANCE NOTES: All residuals and impurities above the threshold are included.

ISOCYANIC ACID, POLYMETHYLENEPOLYPHENYLENE ESTER, POLYMER WITH _ - HYDRO-_-HYDROXPOLY(OXY-1,2-ETHANEDIYL)

ID: 57636-09-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-11-13**

#: **1.0000 - 3.0000**

GS: **LT-UNK**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: All residuals and impurities above the threshold are included.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-11-13**

#: **Impurity/Residual**

GS: **LT-UNK**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Impurity/Residual**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

RESTRICTED LIST

US EPA - PPT Chemical Action Plans

EPA Chemical of Concern - Action Plan published

RESPIRATORY

US EPA - PPT Chemical Action Plans

Inhalation sensitizer causing asthma and lung damage

SUBSTANCE NOTES: All residuals and impurities above the threshold are included.

UCRETE PT 4 COLOR

#: **1.0000 - 3.0000**

PRODUCT THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

MATERIAL TYPE: **Geologically Derived Material**

RESIDUALS AND IMPURITIES NOTES: All residuals and impurities have been evaluated for regulatory compliance regardless of threshold reporting.

OTHER MATERIAL NOTES: Ucrete Pt 4 Color is provided at 1.1 lbs (0.5 kg) for proper proportioning. The available colors are developed from 6 base colors.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-11-13**

#: **35.0000 - 45.0000**

GS: **NoGS**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Monomer**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: All residuals and impurities above the threshold are included.

CHROMIUM (III) OXIDE

ID: 1308-38-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-11-13**%: **35.0000 - 45.0000**GS: **LT-P1**RC: **None**NANO: **No**SUBSTANCE ROLE: **Pigment**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

SKIN SENSITIZE**MAK****Sensitizing Substance Sh - Danger of skin sensitization**SUBSTANCE NOTES: **All residuals and impurities above the threshold are included.****FERRIC OXIDE**

ID: 1309-37-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-11-13**%: **35.0000 - 45.0000**GS: **BM-2**RC: **None**NANO: **No**SUBSTANCE ROLE: **Pigment**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER**MAK****Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification**SUBSTANCE NOTES: **All residuals and impurities above the threshold are included.****UNDISCLOSED**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-11-13**%: **20.0000 - 30.0000**GS: **LT-UNK**RC: **None**NANO: **No**SUBSTANCE ROLE: **Pigment**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

CANCER**MAK****Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification**SUBSTANCE NOTES: **This substance was assessed for all hazard classifications within the provisions for North America country regulatory requirements****UNDISCLOSED**HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-11-13**%: **15.0000 - 25.0000**GS: **LT-UNK**RC: **None**NANO: **No**SUBSTANCE ROLE: **Polymer species**

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found**No warnings found on HPD Priority Hazard Lists**SUBSTANCE NOTES: **This substance was assessed for all hazard classifications within the provisions for North America country regulatory requirements**

TITANIUM DIOXIDE

ID: 13463-67-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-11-13**%: **5.0000 - 35.0000**GS: **LT-1**RC: **None**NANO: **No**SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	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
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CANCER	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

SUBSTANCE NOTES: This substance was assessed for all hazard classifications within the provisions for North America country regulatory requirements.

UNDISCLOSEDHAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-11-13**%: **5.0000 - 20.0000**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: This substance was assessed for all hazard classifications within the provisions for North America country regulatory requirements

METHYL SOYATE (HYDROXYFUNCTIONAL CARBOCYCLIC ACID ESTER WITH PIGMENT)

ID: 67762-38-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**HAZARD SCREENING DATE: **2019-11-13**%: **0.0000 - 2.0000**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: All residuals and impurities above the threshold are included.

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-11-13**

#: **0.0000 - 30.0000**

GS: **LT-1**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Reflectance**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources
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	GHS - New Zealand	6.7A - Known or presumed human carcinogens
CANCER	GHS - Japan	Carcinogenicity - Category 1A [H350]
CANCER	GHS - Australia	H350i - May cause cancer by inhalation

SUBSTANCE NOTES: This substance was assessed for all hazard classifications within the provisions for North America country regulatory requirements.

C.I. PIGMENT BLUE 15

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-11-13**

#: **0.0000 - 3.0000**

GS: **BM-3**

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: All residuals and impurities above the threshold are included.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-11-13**

#: **0.0000 - 1.0000**

GS: **LT-P1**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
REPRODUCTIVE	GHS - Japan	Toxic to reproduction - Category 1B [H360]

SUBSTANCE NOTES: All residuals and impurities above the threshold are included.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-11-13**

#: **0.0000 - 1.0000**

GS: **LT-P1**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MAMMALIAN	US EPA - EPCRA Extremely Hazardous Substances	Extremely Hazardous Substances

SUBSTANCE NOTES: All residuals and impurities above the threshold are included.

UCRETE FLAKE

#: **0.0000 - 1.0000**

PRODUCT THRESHOLD: **1000 ppm**

RESIDUALS AND IMPURITIES CONSIDERED: **Yes**

MATERIAL TYPE: **Geologically Derived Material**

RESIDUALS AND IMPURITIES NOTES: All residuals and impurities have been evaluated for regulatory compliance regardless of threshold reporting.

OTHER MATERIAL NOTES: This Ucrete system uses a decorated colored flake aggregate to yield a slightly textured surface.

UNDISCLOSED

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library**

HAZARD SCREENING DATE: **2019-11-13**

#: **95.0000 - 100.0000**

GS: **LT-P1**

RC: **None**

NANO: **No**

SUBSTANCE ROLE: **Filler**

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

SUBSTANCE NOTES: This substance was assessed for all hazard classifications within the provisions for North America country regulatory requirements

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** ISSUE DATE: **2020-** EXPIRY DATE: CERTIFIER OR LAB: **Berkley Analytical**
APPLICABLE FACILITIES: **All Master Builders Solutions facilities** **02-13**
CERTIFICATE URL:
CERTIFICATION AND COMPLIANCE NOTES: **Available on request**

VOC EMISSIONS

Eurofins Indoor Air Comfort GOLD - certified product

CERTIFYING PARTY: **Third Party** ISSUE DATE: **2016-** EXPIRY DATE: CERTIFIER OR LAB: **Eurofins**
APPLICABLE FACILITIES: **European facilities** **01-26**
CERTIFICATE URL:
CERTIFICATION AND COMPLIANCE NOTES: **Certificate IACG-321-026-01-2016 "Indoor Air Comfort GOLD - certified product" shows additional compliance of product emissions with the criteria of many of the voluntary specifications issued by most relevant ecolabels and similar specifications in the EU. Therefore certified products are those with the best-in-class low emissions, thus good for indoor air quality. The specifications on VOC emissions of these programs are included in the certification: Indoor Air Comfort: Belgian regulation French regulation, A class (or A+ class for indoor Air Comfort GOLD) German regulation, AgBB Draft Lithuanian regulation Planned Swedish regulation E1 classification Indoor Air Comfort GOLD, on top of the above: German DGNB EMICODE GUT (except odor testing) Several EU ecolabel criteria Several Blue Angel criteria Several Austrian ecolabel criteria LEED outside North America FEMB standard for sustainable office furniture BREEAM M1 only partly Danish Indoor Air Climate label (except odor test)**

VOC CONTENT

VOC Content

CERTIFYING PARTY: **Self-declared** ISSUE DATE: **2015-** EXPIRY DATE: CERTIFIER OR LAB: **Internal Evaluation in Shakopee, MN**
APPLICABLE FACILITIES: **Based on Ucrete production facilities** **11-15**
CERTIFICATE URL:
CERTIFICATION AND COMPLIANCE NOTES: **Current results are based on internal testing. Additional external testing using third party facilities is planned.**

OTHER

Halal Certification Europe

CERTIFYING PARTY: **Third Party** ISSUE DATE: **2018-** EXPIRY DATE: CERTIFIER OR LAB: **Halal Certification Europe**
APPLICABLE FACILITIES: **Applicable for Halal production facilities** **06-07**
CERTIFICATE URL:
CERTIFICATION AND COMPLIANCE NOTES: **Halal certification is a guarantee that the product meets the requirements of Halal consumers.**



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

Additional product information and solutions can be found at <https://www.master-builders-solutions.basf.us/en-us/architects-and-designers>



MANUFACTURER INFORMATION

MANUFACTURER: **Master Builders Solutions**

ADDRESS: **23700 Chagrin Blvd 44122**

Beachwood OH 44122, USA

WEBSITE: <https://www.basf.com/us/en.html>

CONTACT NAME: **David R Green**

TITLE: **Manager Sustainability**

PHONE: **216-839-7803**

EMAIL: david.green@mbcc-group.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.