

HPD UNIQUE IDENTIFIER: 27471

CLASSIFICATION: 09 90 00 Painting and Coating

PRODUCT DESCRIPTION: TuffCrete® WB Acrylic Waterproofing Concrete Stain is a water reducible coating designed for interior or exterior masonry surfaces. It may be applied in one coat as a stain, or in two coats as an opaque finish. An ideal choice for either vertical or horizontal masonry surfaces. This product is available in clear, white, ready mixed colors, and a full range of tinting bases. Not for immersion service.

Section 1: Summary

Basic 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 <input checked="" type="radio"/> 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 <input checked="" type="radio"/> 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 <input checked="" type="radio"/> 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

Number of Greenscreen BM-4/BM3 contents ... 2

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

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

None

TUFFCRETE WB ACRYLIC WATERPROOFING CONCRETE STAIN (CST-2XXX) [WATER BM-4 2-PROPENOIC ACID, 2-METHYL-, POLYMER WITH 2-ETHYLHEXYL 2-PROPENOATE AND METHYL 2-METHYL-2-PROPENOATE LT-UNK TITANIUM DIOXIDE LT-1 | CAN | END DAKRIL 4B LT-UNK KAOLIN LT-UNK | CAN BUTOXYPROPANOL LT-UNK | SKI | EYE FERRIC OXIDE BM-1 | CAN FERRIC OXIDE, YELLOW LT-UNK DIATOMACEOUS EARTH [WHICH CONTAINS LESS THAN 0.1% OF CRYSTALLINE SILICA] LT-UNK ENGLISH FULLERS EARTH NoGS DIETHYLENE GLYCOL MONO-N-BUTYL ETHER LT-P1 | END | EYE ALKENES, C14-16 ALPHA-, SULFONATED, SODIUM SALTS LT-UNK ALUMINUM HYDROXIDE, DRIED BM-2 PROPYLENE GLYCOL BM-2 | END CARBON BLACK BM-1 | CAN PIGMENT BLUE 15 BM-3 SOLVENT-DEWAXED HEAVY PARAFFINIC PETROLEUM DISTILLATES, SHOWN TO CONTAIN LESS THAN 3 % DMSO AS MEASURED BY IP 346 LT-P1 | CAN SILICA, AMORPHOUS (PRIMARY CASRN IS 7631-86-9) BM-1 | CAN]

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 60.088 Regulatory (g/l): 192.816

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.

☐ Yes
☒ No

VERIFIER:
VERIFICATION #:

PUBLISHED DATE: 2022-02-04
EXPIRY DATE: 2025-02-04

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

TUFFCRETE WB ACRYLIC WATERPROOFING CONCRETE STAIN (CST-2XXX)

PRODUCT THRESHOLD: 100 ppm RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Impurities considered where applicable

OTHER PRODUCT NOTES: None

WATER ID: 7732-18-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-02-04 19:29:13

%: 65.0000 - 70.0000 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:

2-PROPENOIC ACID, 2-METHYL-, POLYMER WITH 2-ETHYLHEXYL 2-PROPENOATE AND METHYL 2-METHYL-2-PROPENOATE ID: 25133-98-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-02-04 19:29:13

%: 10.0000 - 15.0000 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:

TITANIUM DIOXIDE ID: 13463-67-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-02-04 19:29:14

%: 10.0000 - 15.0000 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: | | |

DAKRIL 4B

ID: 25852-37-3

| | | | | |
|--|--|--|----------|------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2022-02-04 19:29:14 | | |
| %: 10.0000 - 15.0000 | 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: | | | | |

KAOLIN

ID: 1332-58-7

| | | | | |
|---|------------------------|---|--|-------------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2022-02-04 19:29:15 | | |
| %: 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: | | | | |

BUTOXYPROPANOL

ID: 5131-66-8

| | | | | |
|--|------------|--|----------|----------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2022-02-04 19:29:15 | | |
| %: 5.0000 - 10.0000 | GS: LT-UNK | RC: None | NANO: No | SUBSTANCE ROLE: Surfactant |

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|------------------|---|--|
| SKI | EU - GHS (H-Statements) Annex 6 Table 3-1 | H315 - Causes skin irritation [Skin corrosion/irritation - Category 2] |
| EYE | EU - GHS (H-Statements) Annex 6 Table 3-1 | H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A] |
| SUBSTANCE NOTES: | | |

FERRIC OXIDE

ID: 1309-37-1

| | | | | |
|---|------------------------|---|--|--------------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2022-02-04 19:29:16 | | |
| %: 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: | | | | |

FERRIC OXIDE, YELLOW

ID: 51274-00-1

| | | | | |
|---|--|---|-----------------|--------------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2022-02-04 19:29:16 | | |
| %: 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: | | | | |

DIATOMACEOUS EARTH [WHICH CONTAINS LESS THAN 0.1% OF CRYSTALLINE SILICA]

ID: 61790-53-2

| | | | | |
|---|--|---|-----------------|-------------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2022-02-04 19:29:17 | | |
| %: 1.0000 - 5.0000 | 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: | | | | |

ENGLISH FULLERS EARTH

ID: 8031-18-3

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2022-02-04 19:29:17 | | |
|--|------------------------|--|----------|------------------------|
| %: 0.5000 - 1.0000 | GS: NoGS | 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:

DIETHYLENE GLYCOL MONO-N-BUTYL ETHER

ID: 112-34-5

| | | | | |
|---|---|--|-----------------|-----------------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2022-02-04 19:29:18 | | |
| %: 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 | | |
| EYE | EU - GHS (H-Statements) Annex 6 Table 3-1 | H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A] | | |
| SUBSTANCE NOTES: | | | | |

ALKENES, C14-16 ALPHA-, SULFONATED, SODIUM SALTS

ID: 68439-57-6

| | | | | |
|--|------------------------|--|----------|----------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2022-02-04 19:29:18 | | |
| %: 0.1000 - 0.5000 | 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: | | | | |

ALUMINUM HYDROXIDE, DRIED

ID: 21645-51-2

| | | | | |
|--|------------------------|--|--|------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2022-02-04 19:29:19 | | |
| %: 0.1000 - 0.5000 | 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: | | | | |

PROPYLENE GLYCOL

ID: 57-55-6

| | | | | |
|--|---------------------------------------|--|----------|-------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2022-02-04 19:29:19 | | |
| %: 0.1000 - 0.5000 | 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: | | | | |

CARBON BLACK

ID: 1333-86-4

| | | | | |
|--|----------|--|----------|-------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2022-02-04 19:29:20 | | |
| %: 0.1000 - 0.5000 | 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: | | |

PIGMENT BLUE 15

ID: 147-14-8

| | | | | |
|---|--|---|-----------------|--------------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2022-02-04 19:29:20 | | |
| %: 0.1000 - 0.5000 | 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: | | | | |

SOLVENT-DEWAXED HEAVY PARAFFINIC PETROLEUM DISTILLATES,
SHOWN TO CONTAIN LESS THAN 3 % DMSO AS MEASURED BY IP 346

ID: 64742-65-0

| | | | | |
|---|------------------------|---|---|---------------------------------|
| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2022-02-04 19:29:21 | | |
| %: 0.1000 - 0.5000 | GS: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Defoamer |
| HAZARD TYPE | AGENCY AND LIST TITLES | | WARNINGS | |
| CAN | GHS - Australia | | H350 - May cause cancer [Carcinogenicity - Category 1A or 1B] | |
| 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: 2022-02-04 19:29:21 | | |
| %: 0.1000 - 0.5000 | 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: | | | | |

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 APPLICABLE FACILITIES: All CERTIFICATE URL: CERTIFICATION AND COMPLIANCE NOTES: | ISSUE DATE: 2022-02-04 | EXPIRY DATE: | CERTIFIER OR LAB: N/A |
| 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 APPLICABLE FACILITIES: All CERTIFICATE URL: CERTIFICATION AND COMPLIANCE NOTES: | ISSUE DATE: 2022-02-04 | EXPIRY DATE: | CERTIFIER OR LAB: N/A |

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.

| GENNEX COLORANTS | HPD URL: No HPD Available |
|--|---------------------------|
| CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: None | |

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
 EMAIL: Edja.kouassi@benjaminmoore.com

The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY

Hazard Types

| | | |
|---------------------------------------|---|--|
| AQU Aquatic toxicity | 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.