

HPD UNIQUE IDENTIFIER: 23048

CLASSIFICATION: 09 90 00 Painting and Coating

PRODUCT DESCRIPTION: A fast-set paint for marking traffic lanes on streets, highways, parking lots, warehouses and other areas where such marking is required. Traffic beads may be dropped into this coating while wet to provide light reflecting markings. If beads are applied, they should be broadcast into the wet paint at a rate of 6 pounds of beads per gallon of paint and paint should be applied at 15 Mils WFT.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Table with 4 columns: Inventory Reporting Format, Threshold level, Residuals/Impurities, and Explanation(s) provided for Residuals/Impurities? Each column contains radio button options and descriptive text.

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

ACRYLIC FAST-SET TRAFFIC PAINT WHITE (TP2310) [LIMESTONE
LT-UNK WATER BM-4 2-PROPENOIC ACID, BUTYL ESTER,
POLYMER WITH ETHENYL ACETATE LT-UNK TITANIUM DIOXIDE LT-
1 | CAN | END QUARTZ LT-1 | CAN TEXANOL LT-UNK | CAN SILICON
DIOXIDE BM-1 | CAN ENGLISH FULLERS EARTH NoGS
POLYETHYLENE GLYCOL BENZYL (1,1,3,3-
TETRAMETHYLBUTYL)PHENYL ETHER LT-UNK SODIUM LAURETH
SULFATE LT-P1 | MUL]

Number of Greenscreen BM-4/BM3 contents ... 1

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

INVENTORY AND SCREENING NOTES:
None

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 14.69 Regulatory (g/l): 23.73
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: N/A
VOC content: SCAQMD Rule 1113 Architectural Coatings - Flats, floor coatings, non flat coatings, quick dry enamels, roof coatings only - 2007 amendments

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed

Third Party Verified?

Yes
No

PREPARER: Self-Prepared

VERIFIER:
VERIFICATION #:

SCREENING DATE: 2020-12-01

PUBLISHED DATE: 2020-12-01

EXPIRY DATE: 2023-12-01

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

ACRYLIC FAST-SET TRAFFIC PAINT WHITE (TP2310)

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals based on information supplied by raw material vendors.

OTHER PRODUCT NOTES: None

LIMESTONE

ID: 1317-65-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-12-01

#: 50.0000 - 60.0000 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: None

WATER

ID: 7732-18-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-12-01

#: 20.0000 - 30.0000 GS: BM-4 RC: None NANO: No SUBSTANCE ROLE: Solvent

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-------------|------------------------|----------|
|-------------|------------------------|----------|

| | | |
|------------|--|--|
| None found | | No warnings found on HPD Priority Hazard Lists |
|------------|--|--|

SUBSTANCE NOTES: None

2-PROPENOIC ACID, BUTYL ESTER, POLYMER WITH ETHENYL ACETATE

ID: 25067-01-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-12-01

#: 10.0000 - 20.0000 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: None

TITANIUM DIOXIDE

ID: 13463-67-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-12-01

#: 1.0000 - 5.0000

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 |
| CANCER | EU - GHS (H-Statements) | H351 - Suspected of causing cancer |
| 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: None

QUARTZ

ID: 14808-60-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-12-01**

#: 0.5000 - 2.0000

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: None

TEXANOL

ID: 25265-77-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-12-01**

#: 0.5000 - 2.0000

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Filler

| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS |
|-----------------------|------------------------|--|
| CANCER | MAK | Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value |
| SUBSTANCE NOTES: None | | |

SILICON DIOXIDE

ID: 7631-86-9

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2020-12-01 | | |
|--|------------------------|--|----------|------------------------|
| %: 0.0500 - 0.5000 | GS: BM-1 | RC: None | NANO: No | SUBSTANCE ROLE: Filler |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS | | |
| CANCER | GHS - Japan | Carcinogenicity - Category 1A [H350] | | |
| CANCER | GHS - Australia | H350i - May cause cancer by inhalation | | |
| SUBSTANCE NOTES: None | | | | |

ENGLISH FULLERS EARTH

ID: 8031-18-3

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2020-12-01 | | |
|--|------------------------|--|----------|------------------------|
| %: 0.0500 - 0.5000 | 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: None | | | | |

POLYETHYLENE GLYCOL BENZYL (1,1,3,3-TETRAMETHYLBUTYL)PHENYL ETHER

ID: 60864-33-7

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2020-12-01 | | |
|--|------------------------|--|----------|------------------------|
| %: 0.0500 - 0.5000 | 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: None | | | | |

SODIUM LAURETH SULFATE

ID: 68585-34-2

| HAZARD SCREENING METHOD: Pharos Chemical and Materials Library | | HAZARD SCREENING DATE: 2020-12-01 | | |
|--|---|-----------------------------------|----------|------------------------|
| %: 0.0500 - 0.5000 | GS: LT-P1 | RC: None | NANO: No | SUBSTANCE ROLE: Filler |
| HAZARD TYPE | AGENCY AND LIST TITLES | WARNINGS | | |
| MULTIPLE | German FEA - Substances Hazardous to Waters | Class 2 - Hazard to Waters | | |

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 | N/A | | |
| CERTIFYING PARTY: Self-declared | ISSUE DATE: 2020-12-01 | EXPIRY DATE: | CERTIFIER OR LAB: N/A |
| APPLICABLE FACILITIES: All | | | |
| CERTIFICATE URL: | | | |
| CERTIFICATION AND COMPLIANCE NOTES: None | | | |
| VOC CONTENT | SCAQMD Rule 1113 Architectural Coatings - Flats, floor coatings, non flat coatings, quick dry enamels, roof coatings only - 2007 amendments | | |
| CERTIFYING PARTY: Self-declared | ISSUE DATE: 2020-12-01 | EXPIRY DATE: | CERTIFIER OR LAB: N/A |
| APPLICABLE FACILITIES: All | | | |
| CERTIFICATE URL: | | | |
| CERTIFICATION AND COMPLIANCE NOTES: None | | | |

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 (229) | HPD URL: No HPD available |
| CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: Required for all tinted products | |

Section 5: General Notes

TDS and SDS available on www.benjaminmoore.com

MANUFACTURER INFORMATION

MANUFACTURER: Benjamin Moore & Co.
ADDRESS: 101 Paragon Drive
 Montvale NJ 07645, USA
WEBSITE: www.Benjaminmoore.com

CONTACT NAME: Edja Kouassi
TITLE: Technical Project Manager
PHONE: 973-252-2607
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.