

ACRYLIC FAST-SET TRAFFIC PAINT WHITE (TP2310)
by Benjamin Moore & Co.

Health Product
Declaration v2.2

created via: HPDC Online Builder

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 applies at 15 Mils WFT.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format <input type="radio"/> Nested Materials Method <input checked="" type="radio"/> Basic Method	Threshold level <input checked="" type="radio"/> 100 ppm <input type="radio"/> 1,000 ppm <input type="radio"/> Per GHS SDS <input type="radio"/> Other	Residuals/Impurities <input checked="" type="radio"/> Considered <input type="radio"/> Partially Considered <input type="radio"/> Not Considered	<i>All Substances Above the Threshold Indicated Are:</i>
Threshold Disclosed Per <input type="radio"/> Material <input checked="" type="radio"/> Product		Explanation(s) provided for Residuals/Impurities? <input checked="" type="radio"/> Yes <input type="radio"/> No	Characterized <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No <i>% weight and role provided for all substances.</i>
			Screened <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No <i>All substances screened using Priority Hazard Lists with results disclosed.</i>
			Identified <input type="radio"/> Yes Ex/SC <input checked="" type="radio"/> Yes <input type="radio"/> No <i>All substances disclosed by Name (Specific or Generic) and Identifier.</i>

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

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-	EXPIRY DATE:	CERTIFIER OR LAB: N/A
APPLICABLE FACILITIES: All	01		
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-	EXPIRY DATE:	CERTIFIER OR LAB: N/A
APPLICABLE FACILITIES: All	01		
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.