

HPD UNIQUE IDENTIFIER: 24549

CLASSIFICATION: 09 30 00 Tiling

PRODUCT DESCRIPTION: An all-purpose pro-formula adhesive, ReliaBond® is formulated for use on wall, floor and countertop installations of ceramic and stone (walls only) tile. The smooth, creamy acrylic formula spreads easily and offers great slip resistance on vertical applications. Exceeds ANSI A136.1 Type I requirements for organic adhesives. Suitable for intermittently wet areas such as tub surrounds or shower walls. Recommended for tile up to 8" (20 cm) on any side. Can be used with wall or countertop tile up to 15" (38 cm) on any side but dry time significantly increases. For tile with any side greater than 15" (38 cm) CUSTOM recommends using a polymer modified thinset mortar for setting large format tile. Call Technical Services for more information at 800-282-8786.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

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

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
RELIABOND® PROFESSIONAL TILE ADHESIVE [LIMESTONE;
CALCIUM CARBONATE LT-UNK WATER BM-4 UNDISCLOSED NoGS
ETHYLENE GLYCOL BM-1 | END | DEV SOLVENT NAPHTHA
(PETROLEUM), MEDIUM ALIPHATIC LT-P1 | END | MAM DISTILLATE
FUEL OILS, LIGHT BM-2 | CAN | MAM SODIUM HYDROXIDE LT-P1 |
SKI | PHY UNDISCLOSED LT-UNK | CAN UNDISCLOSED LT-UNK
QUARTZ LT-1 | CAN UNDISCLOSED LT-P1 | MUL UNDISCLOSED LT-
UNK]

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:

Manufacturer has opted for Basic Inventory Format; Substances are listed by weight in the entire product instead of by Material. All raw materials have been evaluated down to 0.01% of formula. Any CAS# or substance names are withheld due to CBI.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 63.1 Regulatory (g/l): 63.1
 Does the product contain exempt VOCs: No
 Are ultra-low VOC tints available: N/A

CERTIFICATIONS AND COMPLIANCE See Section 3 for additional listings.

VOC emissions: VOC Emissions
 VOC content: VOC Content

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified?	PREPARER: Self-Prepared	SCREENING DATE: 2021-04-22
<input type="radio"/> Yes	VERIFIER:	PUBLISHED DATE: 2021-04-22
<input checked="" type="radio"/> No	VERIFICATION #:	EXPIRY DATE: 2024-04-22

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

RELIABOND® PROFESSIONAL TILE ADHESIVE

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals and impurities have been considered and disclosed from available information. Outside chemical analysis has not been performed.

OTHER PRODUCT NOTES:

LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-04-22 11:28:44

#: 52.0000 - 68.0000 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: Ranges given due to batch to batch variability.

WATER

ID: 7732-18-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-04-22 11:28:44

#: 14.0000 - 27.0000 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: Ranges given due to batch to batch variability.

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-04-22 11:28:45

#: 5.0000 - 15.0000 GS: NoGS 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: Ranges given due to batch to batch variability.

ETHYLENE GLYCOL

ID: 107-21-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-04-22 11:28:45

#: 1.0000 - 1.5000

GS: BM-1

RC: None

NANO: No

SUBSTANCE ROLE: Solvent

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
DEV	CA EPA - Prop 65	Developmental toxicity
DEV	US NIH - Reproductive & Developmental Monographs	Clear Evidence of Adverse Effects - Developmental Toxicity

SUBSTANCE NOTES: Ranges given due to batch to batch variability.

SOLVENT NAPHTHA (PETROLEUM), MEDIUM ALIPHATIC

ID: 64742-88-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-04-22 11:28:46

#: 0.0000 - 1.0000

GS: LT-P1

RC: None

NANO: No

SUBSTANCE ROLE: Solvent

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MAM	EU - GHS (H-Statements)	H372 - Causes damage to organs through prolonged or repeated exposure
MAM	EU - GHS (H-Statements)	H304 - May be fatal if swallowed and enters airways

SUBSTANCE NOTES: Ranges given due to batch to batch variability.

DISTILLATE FUEL OILS, LIGHT

ID: 64742-47-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-04-22 11:28:46

#: 0.0000 - 0.5000

GS: BM-2

RC: None

NANO: No

SUBSTANCE ROLE: Solvent

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CAN	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification
MAM	EU - GHS (H-Statements)	H304 - May be fatal if swallowed and enters airways

SUBSTANCE NOTES: Ranges given due to batch to batch variability.

SODIUM HYDROXIDE

ID: 1310-73-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-04-22 11:28:47

#: 0.0000 - 0.2000

GS: LT-P1

RC: None

NANO: No

SUBSTANCE ROLE: Buffer

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
PHY	GHS - Korea	H290 - May be corrosive to metals

SUBSTANCE NOTES: Ranges given due to batch to batch variability.

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-04-22 11:28:47	
#: 0.0000 - 0.3000	GS: LT-UNK	RC: None	NANO: No SUBSTANCE ROLE: Solvent
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
CAN	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value	
SUBSTANCE NOTES: Ranges given due to batch to batch variability.			

UNDISCLOSED ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-04-22 11:28:48	
#: 0.0000 - 0.1500	GS: LT-UNK	RC: None	NANO: No SUBSTANCE ROLE: Viscosity modifier
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS	
None found		No warnings found on HPD Priority Hazard Lists	
SUBSTANCE NOTES: Ranges given due to batch to batch variability.			

QUARTZ ID: **14808-60-7**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-04-22 11:28:48	
#: Impurity/Residual	GS: LT-1	RC: None	NANO: No SUBSTANCE ROLE: Impurity/Residual
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	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)	
CAN	MAK	Carcinogen Group 1 - Substances that cause cancer in man	
CAN	IARC	Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources	
CAN	IARC	Group 1 - Agent is Carcinogenic to humans	
CAN	GHS - Australia	H350i - May cause cancer by inhalation	
CAN	GHS - New Zealand	6.7A - Known or presumed human carcinogens	
CAN	GHS - Japan	Carcinogenicity - Category 1A [H350]	
SUBSTANCE NOTES: Ranges given due to batch to batch variability.			

UNDISCLOSED ID: **Undisclosed**

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2021-04-22 11:28:49	
#: 0.0000 - 0.0100	GS: LT-P1	RC: None	NANO: No SUBSTANCE ROLE: Biocide

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters

SUBSTANCE NOTES: Ranges given due to batch to batch variability.

UNDISCLOSED

ID: **Undisclosed**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-04-22 11:28:49**
 %: **0.0000 - 0.4000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Viscosity modifier**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: Ranges given due to batch to batch variability.

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

VOC Emissions

CERTIFYING PARTY: Self-declared
APPLICABLE FACILITIES: ALL
CERTIFICATE URL:

ISSUE DATE: 2021-04-22 EXPIRY DATE:

CERTIFIER OR LAB: SELF-DECLARED

CERTIFICATION AND COMPLIANCE NOTES: Not compliant with CDPH V1.2-2017 due to ethylene glycol.

VOC CONTENT

VOC Content

CERTIFYING PARTY: Self-declared
APPLICABLE FACILITIES: ALL
CERTIFICATE URL:

ISSUE DATE: 2019-01-31 EXPIRY DATE:

CERTIFIER OR LAB: SELF-DECLARED

CERTIFICATION AND COMPLIANCE NOTES:

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

MANUFACTURER INFORMATION

MANUFACTURER: Custom Building Products
ADDRESS: 10400 Pioneer Blvd Unit 3
 Santa Fe Springs California 90670, United States
WEBSITE:
<http://www.custombuildingproducts.com/products/setting-materials/mastics-adhesives/reliabond-ceramic-tile-adhesive-type-1.aspx#>

CONTACT NAME: Tim Kennedy
TITLE: Compliance Manager
PHONE: (404) 634-9100 x 3351
EMAIL: technicalservicedepartment@cbpmail.net

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)	NoGS No GreenScreen.
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)	

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

