

HPD UNIQUE IDENTIFIER: 48447537152

CLASSIFICATION: N/A

PRODUCT DESCRIPTION: Spray-Lock 4500 Rubber water-based spray adhesive is for adhering approved rubber flooring in commercial and residential applications and is warrantied up to 98% RH, 8 lbs MVER, and 11 pH. No classification available.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold Level	Residuals/Impurities Evaluation	<i>For all contents above the threshold, the manufacturer has:</i>
☐ Nested Materials Method	☐ 100 ppm	☒ Completed	Characterized ☒ Yes ☐ No
☒ Basic Method	☒ 1,000 ppm	☐ Partially Completed	<i>Provided weight and role.</i>
Threshold Disclosed Per	☐ Per GHS SDS	☐ Not Completed	Screened ☒ Yes ☐ No
☐ Material	☐ Other	Explanation(s) provided :	<i>Provided screening results using HPDC-approved methods.</i>
☒ Product		☒ Yes ☐ No	Identified ☒ Yes ☐ No
			<i>Provided name and CAS RN or other 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.

PRODUCT | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY

GREENSCREEN SCORE | HAZARD TYPE

SPRAY-LOCK 4500 RUBBER FLOORING SPRAY ADHESIVE |

STYRENE BUTADIENE RUBBER (BENZENE, ETHENYL-, POLYMER WITH 1,3-BUTADIENE) LT-UNK

ACRYLIC POLYMER NoGS

2-PROPENOIC ACID, 2-METHYL-, POLYMER WITH 2-ETHYLHEXYL 2-PROPENOATE AND METHYL 2-METHYL-2-PROPENOATE LT-UNK

1,1-DIFLUOROETHANE LT-UNK

PHY ROSIN (INCLUDING GUM ROSIN, TALL OIL ROSIN, WOOD ROSIN), DIMERIZED NoGS

HEXANE, 1,6-DIISOCYANATO-, HOMOPOLYMER, POLYETHYLENE-POLYPROPYLENE GLYCOL MONO-BU ETHER-BLOCKED NoGS

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... None

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

This Health Product Declaration (HPD) was completed in accordance with HPD Standard version 2.3. Substances under 1000 ppm are undisclosed.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 0

Regulatory (g/l): 0.0

Does the product contain exempt VOCs: No

Are colorants available that do not increase the VOC content of the base paint when tinted: N/A

CERTIFICATIONS AND COMPLIANCE *See Section 3 for additional listings.*

VOC emissions: CRI Green Label Plus - Adhesives

VOC content: RFCI FloorScore

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.

Third Party Verified?	PREPARER: Self-Prepared	SCREENING DATE: 2023-09-01
☐ Yes	VERIFIER:	PUBLISHED DATE: 2023-09-05
☒ No	VERIFICATION #:	EXPIRY DATE: 2026-09-01

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 2.3, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-3-standard

SPRAY-LOCK 4500 RUBBER FLOORING SPRAY ADHESIVE

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: No known residuals or impurities.

OTHER PRODUCT NOTES:

STYRENE BUTADIENE RUBBER (BENZENE, ETHENYL-, POLYMER WITH 1,3-BUTADIENE) ID: 9003-55-8

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2023-09-01 11:01:50

%: 25.0000 GreenScreen: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Adhesive

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Water-based styrene-butadiene polymer emulsion.

ACRYLIC POLYMER ID: 9063-87-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2023-09-01 10:51:44

%: 20.0000 GreenScreen: NoGS RC: None NANO: No SUBSTANCE ROLE: Adhesive

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Water-based acrylic polymer emulsion.

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

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2023-09-01 11:03:31

%: 15.0000 GreenScreen: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Adhesive		
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES: Water-based acrylic ester co-polymer emulsion		

1,1-DIFLUOROETHANE

ID: 75-37-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-09-01 10:53:35		
%: 10.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Propellant
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
PHY	Québec CSST - WHMIS 1988		Class B1 - Flammable gases	
PHY	GHS - Japan		H220 - Extremely flammable gas [Flammable gases - Category 1]	
PHY	GHS - New Zealand		Flammable gas category 1A	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)		C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022	
			Core Restrictions	
SUBSTANCE NOTES: Our propellant is NON-FLAMMABLE when combined with our water-based adhesive and has an ozone depletion potential of ZERO.				

ROSIN (INCLUDING GUM ROSIN, TALL OIL ROSIN, WOOD ROSIN), DIMERIZED

ID: 308075-05-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-09-01 10:52:10		
%: 5.0000	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Tackifier
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES:				

HEXANE, 1,6-DIISOCYANATO-, HOMOPOLYMER, POLYETHYLENE-POLYPROPYLENE GLYCOL MONO-BU ETHER-BLOCKED

ID: 125252-47-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2023-09-01 11:12:58	
%: 0.3000	GreenScreen: NoGS	RC: None	NANO: No SUBSTANCE ROLE: Tensile strength additive
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS	
None found		No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION	
None found		No listings found on Additional Hazard Lists	
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	CRI Green Label Plus - Adhesives	
CERTIFYING PARTY: Third Party	ISSUE DATE: 2023-01-01	CERTIFIER OR LAB: Carpet & Rug Institute
APPLICABLE FACILITIES: Chatsworth, Georgia - USA	EXPIRY DATE: 2023-12-31	
CERTIFICATE URL:		
CERTIFICATION AND COMPLIANCE NOTES:		

VOC CONTENT	RFCI FloorScore	
CERTIFYING PARTY: Third Party	ISSUE DATE: 2022-10-01	CERTIFIER OR LAB: SCS Global Services
APPLICABLE FACILITIES: Chatsworth, Georgia - USA	EXPIRY DATE: 2023-09-30	
CERTIFICATE URL:		
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

Spray-Lock 4500 Rubber flooring spray adhesive has 0.0 g/ml VOC and is non-flammable.

MANUFACTURER INFORMATION

MANUFACTURER: Spray-Lock, Inc.
ADDRESS: 5959 Shallowford Road
 Suite 405
 Chattanooga Tennessee 37421, United States
WEBSITE: <http://spraylock.com>

CONTACT NAME: Brent Bergherm
TITLE: Adhesive chemist and R&D
PHONE: 4233056151
EMAIL: bgbergherm@spraylock.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-P1 List Translator Possible 1 (Possible Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS No GreenScreen.
BM-U Benchmark Unspecified (due to insufficient data)	

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, www.greenscreenchemicals.org, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

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

