

HPD UNIQUE IDENTIFIER: 24235

CLASSIFICATION: 09 65 00 Resilient Flooring

PRODUCT DESCRIPTION: EcoFix 25E Pressure Sensitive Adhesive is a solvent-free, acrylic, pressure sensitive adhesive formulated to permanently install luxury vinyl tile and plank flooring and resilient sheet flooring.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Table with 4 columns: Inventory Reporting Format, Threshold level, Residuals/Impurities, and screening questions. Includes options like 'Basic Method', '1,000 ppm', 'Partially Considered', etc.

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®.

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

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-UNK
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

MATERIAL | SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE
ECOFIX 25E PRESSURE SENSITIVE ADHESIVE [2-PROPENOIC ACID, POLYMER WITH 2-ETHYLHEXYL 2-PROPENOATE AND 2-PROPENITRILE LT-UNK WATER BM-4 UREA LT-UNK DEANOL LT-UNK | SKI | RES]

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): <1 Regulatory (g/l): 50
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 Emission
VOC content: VOC Content

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Summary table with 3 columns: Third Party Verified?, PREPARER: Self-Prepared, VERIFIER:, VERIFICATION #:, SCREENING DATE: 2021-03-31, PUBLISHED DATE: 2021-03-31, EXPIRY DATE: 2024-03-31

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

ECOFIX 25E PRESSURE SENSITIVE ADHESIVE

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Partially

RESIDUALS AND IMPURITIES NOTES: Ingredients above 1000 ppm and meeting US GHS SDS disclosure requirements are disclosed

OTHER PRODUCT NOTES:

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-03-31 1:50:18**

#: **45.0000 - 75.0000** GS: **LT-UNK** 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:

WATER

ID: 7732-18-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-03-31 1:51:07**

#: **15.0000 - 40.0000** 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:

UREA

ID: 57-13-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-03-31 1:51:55**

#: **0.1000 - 1.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Biocide**

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

SUBSTANCE NOTES:

DEANOL

ID: 108-01-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-03-31 1:52:39**

#: **0.1000 - 1.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Biocide**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
RES	AOEC - Asthmagens	Asthmagens (Rs) - sensitizer-induced

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	VOC Emission		
CERTIFYING PARTY: Self-declared APPLICABLE FACILITIES: 11110 Airport Road Olive Branch MS 38654 CERTIFICATE URL: CERTIFICATION AND COMPLIANCE NOTES:	ISSUE DATE: 2021-02- 22	EXPIRY DATE: 2024- 03-01	CERTIFIER OR LAB: Helmitin Inc

VOC CONTENT	VOC Content		
CERTIFYING PARTY: Self-declared APPLICABLE FACILITIES: 11110 Airport Road Olive Branch MS 38654 CERTIFICATE URL: CERTIFICATION AND COMPLIANCE NOTES:	ISSUE DATE: 2021-02- 22	EXPIRY DATE: 2024- 03-01	CERTIFIER OR LAB: Helmitin Inc

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

EcoFix 25E Pressure Sensitive Adhesive can be used on porous and non-porous surfaces free of moisture. Surface to be covered must be dry, clean and smooth. Any foreign materials present such as paint, grease, oil, pen markings, adhesive residues, etc, that may prevent a proper bond or migrate to the surface causing a stain must be removed. Adhesive can be used on all grades of concrete on, above or below grade in the absence of moisture. Installation of a 10 mil (0.010") or greater effective moisture retarder is recommended directly under all on and below grade concrete floors with its integrity assured. Concrete shall be prepared according to the recommendations outlined in ASTM F710 (Standard Practice for Preparing Concrete Floors to Receive Resilient Flooring.) Concrete floors shall be free from crazing, dusting, spalling and any curing or sealing compounds. Concrete floors shall be tested for moisture according to the latest revision of ASTM F2170 (Standard Test Method for Determining Relative Humidity in Concrete Floor Slabs using in-situ Probes) and ASTM F1869 (Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride.) Wood Floors must be double construction with a 1" minimum thickness, structurally sound, securely fastened and free from deflection/spring. Top layer of wood shall be underlayment grade plywood. Cracks and uneven surfaces must be filled with an approved cement-based patching compound.

MANUFACTURER INFORMATION

MANUFACTURER: Altro Ltd
ADDRESS: Altro USA Inc
 80 Industrial Way, Suite 1
 Wilmington MA 01887, USA
WEBSITE: www.altro.com

CONTACT NAME: Richard Finnegan
TITLE: Marketing Manager
PHONE: 978.642.0140
EMAIL: RFinnegan@altro.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.