

HPD UNIQUE IDENTIFIER: 24310

CLASSIFICATION: 09 72 00 Wall Coverings

PRODUCT DESCRIPTION: Altrofix W39 Polyurethane based adhesive is a two part, solvent free, polyurethane adhesive developed and recommended for installing Altro Whiterock wall cladding over permanently clean, dry and sound wall surfaces.

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

ALTROFIX W39 POLYURETHANE BASED WALLS ADHESIVE - PART B
[POLYETHYLENEPOLYAMINE, DIMER FATTY ACID CONDENSATE
BM-1 | MUL TRIMETHYLOLPROPANE
POLY(OXYPROPYLENE)TRIAMINE LT-UNK 2,4,6-
TRIS(DIMETHYLAMINOMETHYL)PHENOL LT-UNK | SKI | EYE
DIPROPYLENE GLYCOL DIBENZOATE NoGS
TRIETHYLENETETRAMINE LT-P1 | SKI | RES | MUL
BIS[(DIMETHYLAMINO)METHYL]PHENOL NoGS POLYETHYLENE
GLYCOL MONO(OCTYLPHENYL) ETHER LT-P1 | END | MUL
DIETHYLENE GLYCOL DIBENZOATE LT-P1 | MUL]

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

Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Ingredients above 1000 ppm and meeting US GHS SDS disclosure requirements are disclosed.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 12 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
VOC content: VOC

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:
VERIFICATION #:

SCREENING DATE: 2021-04-07

PUBLISHED DATE: 2021-04-07

EXPIRY DATE: 2024-04-07

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

ALTROFIX W39 POLYURETHANE BASED WALLS ADHESIVE - PART B

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Partially

RESIDUALS AND IMPURITIES NOTES: Residuals and Impurities are partially considered

OTHER PRODUCT NOTES: Altrofix W39 polyurethane based adhesive is a two part, solvent free adhesive developed and formulated to permanently install vinyl wall claddings and other types of wall panels and materials.

POLYETHYLENEPOLYAMINE, DIMER FATTY ACID CONDENSATE

ID: 68410-23-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2021-04-07 5:50:22

#: 15.0000 - 40.0000

GS: BM-1

RC: None

NANO: No

SUBSTANCE ROLE: Intermediate

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

MUL

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

SUBSTANCE NOTES:

TRIMETHYLOLPROPANE POLY(OXYPROPYLENE)TRIAMINE

ID: 39423-51-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2021-04-07 5:50:58

#: 15.0000 - 40.0000

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Intermediate

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None found

No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES:

2,4,6-TRIS(DIMETHYLAMINOMETHYL)PHENOL

ID: 90-72-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2021-04-07 5:51:47

#: 10.0000 - 30.0000

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Monomer

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

SKI

EU - GHS (H-Statements)

H315 - Causes skin irritation

EYE

EU - GHS (H-Statements)

H319 - Causes serious eye irritation

SUBSTANCE NOTES:

DIPROPYLENE GLYCOL DIBENZOATE

ID: 94-51-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-04-07 5:52:24**%: **7.0000 - 13.0000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Plasticizer**

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

SUBSTANCE NOTES:

TRIETHYLENETETRAMINE

ID: 112-24-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-04-07 5:53:10**%: **1.0000 - 5.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Intermediate**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	MAK	Sensitizing Substance Sh - Danger of skin sensitization
SKI	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
RES	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKI	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction

SUBSTANCE NOTES:

BIS[(DIMETHYLAMINO)METHYL]PHENOL

ID: 71074-89-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-04-07 5:53:46**%: **1.0000 - 5.0000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Monomer**

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

SUBSTANCE NOTES:

POLYETHYLENE GLYCOL MONO(OCTYLPHENYL) ETHER

ID: 9036-19-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-04-07 5:54:27**%: **1.0000 - 5.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Surfactant**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
END	ChemSec - SIN List	Endocrine Disruption
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters

SUBSTANCE NOTES:

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-04-07 5:54:54**

%: **0.1000 - 1.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Plasticizer**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

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		
CERTIFYING PARTY: Self-declared APPLICABLE FACILITIES: 11110 Airport Road, Olive Branch MS 38654 CERTIFICATE URL: CERTIFICATION AND COMPLIANCE NOTES: VOC <12g/L	ISSUE DATE: 2021-02- 22	EXPIRY DATE: 2024- 03-01	CERTIFIER OR LAB: Helmatin Inc

VOC CONTENT	VOC		
CERTIFYING PARTY: Self-declared APPLICABLE FACILITIES: 11110 Airport Road, Olive Branch MS 38654 CERTIFICATE URL: CERTIFICATION AND COMPLIANCE NOTES: VOC <12g/L	ISSUE DATE: 2021-02- 22	EXPIRY DATE: 2024- 03-01	CERTIFIER OR LAB: Helmatin 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

Altrofix W39 polyurethane based adhesive can be used on porous and non-porous wall surfaces free of moisture.. Surface to be covered must be dry, clean and smooth. Any foreign materials present such as paint, grease oil and, pen markings, adhesive residues etc that may prevent a proper bond or migrate to the surface causing a stain must be removed. 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.