

HPD UNIQUE IDENTIFIER: 24015

CLASSIFICATION: 07 21 19 Foamed-In-Place Insulation

PRODUCT DESCRIPTION: WALLTITE CM01 is a purple, closed cell, medium density, low Global Warming Potential, spray applied polyurethane foam insulation and air barrier. Available in two reactivity grades: WALLTITE CM01 regular and WALLTITE CM01 Cold Temperature (WALLTITE CM01 CT). Unless specified, all references to WALLTITE CM01 in this Health Product Declaration (HPD) refer to all two grades of WALLTITE CM01.

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 checked="" type="radio"/> 100 ppm	<input checked="" 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 type="radio"/> 1,000 ppm	<input 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

WALLTITE CM01 [TRIS(2-CHLOROISOPROPYL) PHOSPHATE BM-U | END | MUL | PBT ETHANOL, 2-[(2-AMINOETHYL)AMINO]-, POLYMER WITH METHYLOXIRANE LT-UNK DIETHYLENE GLYCOL LT-P1 | END 2-((2-(DIMETHYLAMINO)ETHYL)(METHYL)AMINO)ETHANOL NoGS 2,2',2''-(1,2-ETHANEDIYLDINITRILIO)TETRAKISETHANOL NoGS 1,2-DIMETHYLIMIDAZOLE LT-UNK | SKI | EYE METHYLIUM, [4-(DIMETHYLAMINO)PHENYL] BIS[4-(ETHYLAMINO)-3-METHYLPHENYL]-, ACETATE LT-P1 | PBT]

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

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-P1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

All substances including residuals and impurities above the threshold are included in the screening process.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 19.64 Regulatory (g/l): 19.64

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: UL/GreenGuard Gold Certified

VOC content: GreenGuard - Indoor Air Quality Certified

Recycled content: EcoLogo CCD 016 -Thermal Insulation Materials

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
- No

PREPARER: Self-Prepared

VERIFIER:
VERIFICATION #:

SCREENING DATE: 2020-08-20

PUBLISHED DATE: 2021-03-05

EXPIRY DATE: 2023-08-20

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

WALLTITE CM01

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: All substances including residuals and impurities above the OSHA declared threshold are included in the HPD evaluation.

OTHER PRODUCT NOTES: WALLTITE CM01 is a purple, closed cell, medium density, low Global Warming Potential, spray applied polyurethane foam insulation and air barrier. Available in two reactivity grades: WALLTITE CM01 regular and WALLTITE CM01 Cold Temperature (WALLTITE CM01 CT). Unless specified, all references to WALLTITE CM01 in this Technical Product Data sheet refer to all two grades of WALLTITE CM01.

TRIS(2-CHLOROISOPROPYL) PHOSPHATE

ID: 13674-84-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-08-20

#: 15.0000 - 20.0000 GS: BM-U RC: None NANO: No SUBSTANCE ROLE: Processing regulator

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MUL	US EPA - PPT Chemical Action Plans	TSCA Work Plan chemical - ongoing chemical (risk) assessment
PBT	EHP - San Antonio Statement on BFRs & CFRs	Flame retardant substance class of concern for PB&T & long range transport

SUBSTANCE NOTES: This material is used to accelerate the chemical reaction.

ETHANOL, 2-[(2-AMINOETHYL)AMINO]-, POLYMER WITH METHYLOXIRANE

ID: 31568-06-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-08-20

#: 15.0000 - 20.0000 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: This material is a polymer mixture.

DIETHYLENE GLYCOL

ID: 111-46-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-08-20

#: 0.3000 - 3.0000 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
SUBSTANCE NOTES: This material is a solvent.		

2-((2-(DIMETHYLAMINO)ETHYL)(METHYL)AMINO)ETHANOL

ID: 2212-32-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-08-20		
#: 0.3000 - 1.0000	GS: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Coalescent
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: This material is the coalescent in the formation of the foam.				

2,2',2'',2'''-(1,2-ETHANEDIYLDINITRILO)TETRAKISETHANOL

ID: 140-07-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-08-20		
#: 0.3000 - 1.0000	GS: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Processing regulator
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
SUBSTANCE NOTES: This material is a processing regulator in the chemical reaction.				

1,2-DIMETHYLIMIDAZOLE

ID: 1739-84-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-08-20		
#: 0.2000 - 1.0000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Catalyst
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
SKI	EU - GHS (H-Statements)	H315 - Causes skin irritation		
EYE	EU - GHS (H-Statements)	H318 - Causes serious eye damage		
SUBSTANCE NOTES: This material is the catalyst in the chemical reaction.				

METHYLUM, [4-(DIMETHYLAMINO)PHENYL] BIS[4-(ETHYLAMINO)-3-METHYLPHENYL]-, ACETATE

ID: 72102-55-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-08-20		
#: 0.0000 - 0.1000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Pigment
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
PBT	EC - CEPA DSL	Persistent, Bioaccumulative and inherently Toxic (PBiTE) to the Environment (based on aquatic organisms)		
SUBSTANCE NOTES: This material is the colorant for the foam.				

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

UL/GreenGuard Gold Certified

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: BASF Canada 100 Milverton Drive, 5th floor Mississauga, Ontario, L5R 4H1

CERTIFICATE URL:

ISSUE DATE: 2017-10-06

EXPIRY DATE: 2022-01-07

CERTIFIER OR LAB: UL

CERTIFICATION AND COMPLIANCE NOTES: GREENGUARD and GREENGUARD Gold Certification – WALLTITE CM01 meets the stringent requirements of GREENGUARD Gold, thus ensuring occupant safety through improved indoor air quality. UL 2818 - 2013 Gold Standard for Chemical Emissions for Building Materials, Finishes and Furnishings. Certificate Number: 101969-420

VOC CONTENT

GreenGuard - Indoor Air Quality Certified

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: BASF Canada 100 Milverton Drive, 5th floor Mississauga, Ontario, L5R 4H1

CERTIFICATE URL:

ISSUE DATE: 2017-11-06

EXPIRY DATE: 2022-01-07

CERTIFIER OR LAB: UL

CERTIFICATION AND COMPLIANCE NOTES: GREENGUARD Certification – WALLTITE CM01 meets the stringent requirements of GREENGUARD, thus ensuring occupant safety through improved indoor air quality. UL-2818 - 2013 Standard for Chemical Emissions for Building Materials, Finishes and Furnishings. Certificate Number: 101969-410

RECYCLED CONTENT

EcoLogo CCD 016 -Thermal Insulation Materials

CERTIFYING PARTY: Third Party

APPLICABLE FACILITIES: BASF Canada 100 Milverton Drive, 5th floor Mississauga, Ontario, L5R 4H1

CERTIFICATE URL:

ISSUE DATE: 2018-10-26

EXPIRY DATE: 2021-07-30

CERTIFIER OR LAB: UL

CERTIFICATION AND COMPLIANCE NOTES: ECOLOGO Certification - WALLTITE CM01 is certified by UL, an independent safety science company, as meeting the criteria for UL 2985 – 2015 Sustainability Outline for Thermal Insulation, confirming a minimum recycled content of 5% by weight of finished product. Certificate Number: 101969-4270

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.

ELASTOSPRAY 8000A ISOCYANATE

HPD URL: <https://www.hpd-collaborative.org/hpd-public-repository/>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Elastospray 8000A Isocyanate is mixed with WALLTITE CM01 at a 1:1 by volume, to activate the spray foam reaction.

Section 5: General Notes

FEATURES AND BENEFITS

- Superior Thermal Resistance - WALLTITE CM01 is tested to the latest CAN/ULC-S770-09 standard achieving a higher LTTR than traditional insulation products resulting in reduced conductive heat loss and lower energy consumption.
- Excellent Air Sealing Ability - WALLTITE CM01 is a closed cell insulation that expands while being installed creating an effective air barrier, reducing air leakage, resulting in improved comfort and energy savings.
- Quality Installation – Licensing of installers is required by the CAN/ULC S705.2-05 Installation Standard, and WALLTITE CM01 is installed by applicators that are licensed through BASF Canada's Quality Assurance and Training Program (QATP) and certified through Caliber Solutions Inc. who is responsible for delivering the Quality Assurance Program (QAP).
- Durability - WALLTITE CM01 can be installed and left without any cladding for up to 3 months.

- Experience – With over 25 years' experience in spray polyurethane foam insulation, BASF Canada is well equipped to understand the challenges of the Canadian climate. Consumers can rest assured that they are working with the leading spray foam manufacturer in both residential and commercial construction.

MANUFACTURER INFORMATION

MANUFACTURER: BASF Corporation
ADDRESS: 100 Milverton Drive, 5th floor
 Mississauga Ontario L5R 4H1, Canada
WEBSITE: <https://walltite.basf.ca/home/contact>

CONTACT NAME: BASF Canada Inc.
TITLE: Construction and Standards Regulations Specialist
PHONE: 1-866-474-3538
EMAIL: pmconstruction@basf.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)	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 HPD and for compliance with the HPD standard noted.