

HPD UNIQUE IDENTIFIER: 22428

CLASSIFICATION: 09 67 23 Resinous Flooring

PRODUCT DESCRIPTION: Exceptional durability, great looks, and outstanding value. The Dur-A-Flex family of epoxy flooring systems offers the most protection for your money, providing superior resistance to chemical spills, heavy equipment and continuous traffic. Install a seamless, sanitary, and easy to maintain surface that works as hard as you do, in any environment. This HPD covers all Epoxy flooring products, including Dur-A-Quartz, Dur-A-Gard, Dur-A-Gard SL, Dur-A-Gard ESD, Dur-A-Chip, Shop Floor, ReFLEXions, Armor-Stat ESD, Dur-A-Gard MR, Shop Floor MR, and Dur-A-Glaze Grind and Seal, along with their constituent components.

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

EPOXY RESINOUS FLOORING SYSTEMS [OXIRANE, MONO[(C12-14-ALKYLOXY)METHYL] DERIVS. LT-P1 | SKI | MUL ISOPHORONE DIAMINE LT-P1 | SKI | MUL BENZENEMETHANOL BM-2 BENZOIC ACID, 2-HYDROXY- LT-UNK | EYE | DEV PHENOL, 4,4'-(1-METHYLETHYLIDENE)BIS-, POLYMER WITH (CHLOROMETHYL)OXIRANE LT-P1 | AQU | SKI | EYE | MUL DISTILLATES, PETROLEUM, HYDROTREATED LIGHT BM-2 | MAM | CAN QUARTZ LT-1 | CAN BARIUM SULFATE BM-2 | CAN CALCIUM CARBONATE BM-3 1,3,3-TRIMETHYL-N-(2-METHYLPROPYLIDENE)-5-[(2-METHYLPROPYLIDENE)AMINO]CYCLOHEXANEMETHYLAMINE LT-UNK POLYVINYL ACETATE LT-UNK WATER BM-4 NONYLPHENOL LT-1 | END | PBT | MUL | AQU | SKI | REP | DEV TITANIUM DIOXIDE LT-1 | CAN | END POLY[OXY(METHYL-1,2-ETHANEDIYL)], α-(2-AMINOMETHYLETHYL) -ω-(2-AMINOMETHYLETHOXY)- LT-P1 | MUL HEXANE, 1,6-DIISOCYANATO-, HOMOPOLYMER LT-P1 C.I. PIGMENT BLACK 23 LT-P1 CALCIUM CARBONATE LT-UNK MICA-GROUP MINERALS LT-UNK TIN OXIDE (SNO2) LT-UNK 1,3-BIS(AMINOMETHYL)CYCLOHEXANE LT-UNK 2-PROPANOL, 1-METHOXY- LT-P1 | END OXIRANE, 2,2'-[OXYBIS[(METHYL-2,1-ETHANEDIYL)OXYMETHYLENE]]BIS- NoGS ALUMINUM OXIDE BM-2 | RES C.I. PIGMENT YELLOW 42 LT-UNK CARBON BLACK BM-1 | CAN GRAPHITE LT-UNK IRON OXIDE (FE3O4) BM-1 | CAN PHENOL, POLYMER WITH FORMALDEHYDE, GLYCIDYL ETHER BM-1 | MUL 1,3-DIOXOLAN-2-ONE, 4-METHYL-LT-UNK | EYE 1-PIPERAZINEETHANAMINE LT-P1 | SKI | MUL 2-

Number of Greenscreen BM-4/BM3 contents ... 2

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

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

The Epoxy flooring systems are modular systems meant to cover a variety of end-use applications. This HPD has considered all of the Epoxy systems and their components and any substance that could fall above the stated threshold has been included.

METHYL-1,5-PENTAMETHYLENEDIAMINE NoGS CARBONIC ACID,
DIMETHYL ESTER LT-UNK | PHY CLAY LT-UNK | CAN DIIRON
TRIOXIDE BM-1 | CAN PHOSPHOROUS ACID, TRIPHENYL ESTER LT-
P1 | AQU | SKI | EYE | MUL PROPANOL, 1(OR 2)-(2-
METHOXYMETHYLETHOXY)-, ACETATE LT-UNK ALUMINUM
HYDROXIDE BM-2 AMORPHOUS SILICA BM-1 | CAN ANTIMONY
OXIDE (ANTIMONY TRIOXIDE) BM-1 | CAN | MUL AROMATIC 100
(AROMATIC NAPHTHA, TYPE 1) LT-1 | MAM | GEN | CAN | MUL | END
FORMALDEHYDE POLYMER WITH 1,3-BENZENE DIMETHANAMINE
AND PHENOL LT-P1 GRAPHITE LT-UNK N-METHYLPYRROLIDONE
BM-1 | DEV | REP | SKI | EYE | MUL | END SILICA, AMORPHOUS,
FUMED, CRYST.-FREE BM-1 | CAN TRIPHOSPHORIC ACID,
PENTAPOTASSIUM SALT LT-UNK]

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

Material (g/l): 0.0 Regulatory (g/l): 0.0
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: CDPH Standard Method V1.1 (Section 01350/CHPS) -
Classroom & Office scenario
VOC content: EPA Method 24 - Volatile Matter Content (EPA 24)

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients Option 1

Third Party Verified?

Yes

No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE: 2020-09-28

PUBLISHED DATE: 2020-10-12

EXPIRY DATE: 2023-09-28

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

EPOXY RESINOUS FLOORING SYSTEMS

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

RESIDUALS AND IMPURITIES NOTES: All residuals and impurities have been collected from the suppliers and those falling above the stated threshold have been included.

OTHER PRODUCT NOTES:

OXIRANE, MONO[(C12-14-ALKYLOXY)METHYL] DERIVS.

ID: 68609-97-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-09-28

#: 2.0000 - 45.0000 GS: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Binder

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category. Epoxy products with fillers/aggregates have this substance in ranges of 2-15%, while those without fillers have this substance in ranges of 25-45%.

ISOPHORONE DIAMINE

ID: 2855-13-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-09-28

#: 2.0000 - 5.0000 GS: LT-P1 RC: None NANO: No SUBSTANCE ROLE: Activator

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SKIN SENSITIZE	MAK	Sensitizing Substance Sh - Danger of skin sensitization

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category.

BENZENEMETHANOL

ID: 100-51-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-09-28

#: 1.0000 - 7.0000 GS: BM-2 RC: None NANO: No SUBSTANCE ROLE: Activator

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category. The GreenScreen assessment for this substance can be found at PharosProject.net.		

BENZOIC ACID, 2-HYDROXY-

ID: 69-72-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2020-09-28			
%: 0.2000 - 0.5000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Activator
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
EYE IRRITATION	EU - GHS (H-Statements)	H318 - Causes serious eye damage		
DEVELOPMENTAL	EU - GHS (H-Statements)	H361d - Suspected of damaging the unborn child		
SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category.				

PHENOL, 4,4'-(1-METHYLETHYLIDENE)BIS-, POLYMER WITH (CHLOROMETHYL)OXIRANE

ID: 25068-38-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2020-09-28			
%: 0.1000 - 50.0000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Activator
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CHRON AQUATIC	EU - GHS (H-Statements)	H411 - Toxic to aquatic life with long lasting effects		
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation		
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction		
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation		
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category. Epoxy products with fillers/aggregates have this substance in ranges of 0.1-15%, while those without fillers have this substance in ranges of 30-50%.				

DISTILLATES, PETROLEUM, HYDROTREATED LIGHT

ID: 64742-47-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2020-09-28			
%: 0.1000 - 6.0000	GS: BM-2	RC: None	NANO: No	SUBSTANCE ROLE: Binder
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
MAMMALIAN	EU - GHS (H-Statements)	H304 - May be fatal if swallowed and enters airways		
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification		
SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category. The GreenScreen assessment for this substance can be found at PharosProject.net.				

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-09-28**%: **0.0000 - 75.0000** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 1 - Agent is carcinogenic to humans - inhaled from occupational sources
CANCER	US NIH - Report on Carcinogens	Known to be Human Carcinogen (respirable size - occupational setting)
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man
CANCER	GHS - New Zealand	6.7A - Known or presumed human carcinogens
CANCER	GHS - Japan	Carcinogenicity - Category 1A [H350]
CANCER	GHS - Australia	H350i - May cause cancer by inhalation

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category. Epoxy products with fillers/aggregates have quartz in the range of 55-75%, while other products without fillers/aggregates have no quartz.

BARIUM SULFATE

ID: 7727-43-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-09-28**%: **0.0000 - 30.0000** GS: **BM-2** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category. Epoxy products with fillers/aggregates have this substance in ranges of 0-15%, while those without fillers have this substance in ranges of 15-30%. The GreenScreen assessment for this substance can be found at PharosProject.net.

CALCIUM CARBONATE

ID: 471-34-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-09-28**%: **0.0000 - 30.0000** GS: **BM-3** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category. Epoxy products with fillers/aggregates have this substance in ranges of 0-15%, while those without fillers have this substance in ranges of 15-30%. The GreenScreen assessment for this substance can be found at PharosProject.net.

1,3,3-TRIMETHYL-N-(2-METHYLPROPYLIDENE)-5-[(2-METHYLPROPYLIDENE)AMINO]CYCLOHEXANEMETHYLAMINE

ID: 54914-37-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-09-28**

%: **0.0000 - 20.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

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

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category.

POLYVINYL ACETATE

ID: 9003-20-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-09-28**

%: **0.0000 - 15.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category.

WATER

ID: 7732-18-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-09-28**

%: **0.0000 - 15.0000** GS: **BM-4** RC: **None** NANO: **No** SUBSTANCE ROLE: **Activator**

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

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category. The GreenScreen assessment for this substance can be found at PharosProject.net.

NONYLPHENOL

ID: 25154-52-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-09-28**

%: **0.0000 - 10.0000** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Activator**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ENDOCRINE	EU - Priority Endocrine Disruptors	Category 1 - In vivo evidence of Endocrine Disruption Activity
PBT	OSPAR - Priority PBTs & EDs & equivalent concern	PBT - Substance of Possible Concern
ENDOCRINE	OSPAR - Priority PBTs & EDs & equivalent concern	Endocrine Disruptor - Chemical for Priority Action
RESTRICTED LIST	US EPA - PPT Chemical Action Plans	EPA Chemical of Concern - Action Plan published
RESTRICTED LIST	US EPA - PPT Chemical Action Plans	TSCA Work Plan chemical - Action Plan in development
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
CHRON AQUATIC	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
REPRODUCTIVE	EU - GHS (H-Statements)	H361fd - Suspected of damaging fertility. Suspected of damaging the unborn child
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
ENDOCRINE	ChemSec - SIN List	Endocrine Disruption
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
REPRODUCTIVE	US EPA - PPT Chemical Action Plans	Reproductive effects
CHRON AQUATIC	US EPA - PPT Chemical Action Plans	Highly toxic to aquatic organisms
DEVELOPMENTAL	US EPA - PPT Chemical Action Plans	Developmental Effects
ENDOCRINE	EU - SVHC Authorisation List	Equivalent Concern - Candidate List

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category.

TITANIUM DIOXIDE

ID: 13463-67-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library	HAZARD SCREENING DATE: 2020-09-28
%: 0.0000 - 10.0000	GS: LT-1
RC: None	NANO: No
SUBSTANCE ROLE: Binder	

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CANCER	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category.

POLY[OXY(METHYL-1,2-ETHANEDIYL)], α -(2-AMINOMETHYLETHYL) - ω -(2-AMINOMETHYLETHOXY)-

ID: 9046-10-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-09-28		
%: 0.0000 - 7.0000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Activator
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category.

HEXANE, 1,6-DIISOCYANATO-, HOMOPOLYMER

ID: 28182-81-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-09-28		
%: 0.0000 - 6.0000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Activator
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category.

C.I. PIGMENT BLACK 23

ID: 68187-54-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-09-28		
%: 0.0000 - 4.0000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Binder
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category.

CALCIUM CARBONATE

ID: 1317-65-3

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-09-28**%: **0.0000 - 4.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

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

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category.

MICA-GROUP MINERALS

ID: 12001-26-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-09-28**%: **0.0000 - 4.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

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

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category.

TIN OXIDE (SNO2)

ID: 18282-10-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-09-28**%: **0.0000 - 4.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

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

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category.

1,3-BIS(AMINOMETHYL)CYCLOHEXANE

ID: 2579-20-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-09-28**%: **0.0000 - 3.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Activator**

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

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category.

2-PROPANOL, 1-METHOXY-

ID: 107-98-2

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-09-28**%: **0.0000 - 3.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Activator**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category.

OXIRANE, 2,2'-[OXYBIS[(METHYL-2,1-ETHANEDIYL)OXYMETHYLENE]]BIS-

ID: 41638-13-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-09-28**

#: **0.0000 - 3.0000** GS: **NoGS** RC: **None** NANO: **No** SUBSTANCE ROLE: **Activator**

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

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category.

ALUMINUM OXIDE

ID: 1344-28-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-09-28**

#: **0.0000 - 2.0000** GS: **BM-2** RC: **None** NANO: **No** SUBSTANCE ROLE: **Filler**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category. The GreenScreen assessment for this substance can be found at PharosProject.net.

C.I. PIGMENT YELLOW 42

ID: 51274-00-1

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-09-28**

#: **0.0000 - 2.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

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

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category.

CARBON BLACK

ID: 1333-86-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-09-28**

#: **0.0000 - 2.0000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CANCER	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category. The GreenScreen assessment for this substance can be found at PharosProject.net.

GRAPHITE

ID: 7782-42-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-09-28**%: **0.0000 - 2.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

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

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category.

IRON OXIDE (FE3O4)

ID: 1317-61-9

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-09-28**%: **0.0000 - 2.0000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Pigment**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category. The GreenScreen assessment for this substance can be found at PharosProject.net.

PHENOL, POLYMER WITH FORMALDEHYDE, GLYCIDYL ETHER

ID: 28064-14-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-09-28**%: **0.0000 - 2.0000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

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

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category. The GreenScreen assessment for this substance can be found at PharosProject.net.

1,3-DIOXOLAN-2-ONE, 4-METHYL-

ID: 108-32-7

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-09-28**%: **0.0000 - 1.0000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Activator**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category.

1-PIPERAZINEETHANAMINE

ID: 140-31-8

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-09-28**%: **0.0000 - 1.0000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Activator**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKIN IRRITATION	EU - GHS (H-Statements)	H314 - Causes severe skin burns and eye damage
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category.

2-METHYL-1,5-PENTAMETHYLENEDIAMINE

ID: 15520-10-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-09-28		
%: 0.0000 - 1.0000	GS: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Activator
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category.

CARBONIC ACID, DIMETHYL ESTER

ID: 616-38-6

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-09-28		
%: 0.0000 - 1.0000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Activator
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H225 - Highly flammable liquid and vapour		

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category.

CLAY

ID: 1332-58-7

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-09-28		
%: 0.0000 - 1.0000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Binder
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS		
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification		

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category.

DIIRON TRIOXIDE

ID: 1309-37-1

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-09-28		
%: 0.0000 - 1.0000	GS: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Filler

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	MAK	Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category. The GreenScreen assessment for this substance can be found at PharosProject.net.

PHOSPHOROUS ACID, TRIPHENYL ESTER

ID: 101-02-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-09-28		
#: 0.0000 - 1.0000	GS: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Binder

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
ACUTE AQUATIC	EU - GHS (H-Statements)	H400 - Very toxic to aquatic life
CHRON AQUATIC	EU - GHS (H-Statements)	H410 - Very toxic to aquatic life with long lasting effects
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category.

PROPANOL, 1(OR 2)-(2-METHOXYMETHYLETHOXY)-, ACETATE

ID: 88917-22-0

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-09-28		
#: 0.0000 - 1.0000	GS: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Binder

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

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category.

ALUMINUM HYDROXIDE

ID: 21645-51-2

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-09-28		
#: 0.0000 - 0.5000	GS: BM-2	RC: None	NANO: No	SUBSTANCE ROLE: Binder

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

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category. The GreenScreen assessment for this substance can be found at PharosProject.net.

AMORPHOUS SILICA

ID: 7631-86-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2020-09-28		
#: 0.0000 - 0.5000	GS: BM-1	RC: None	NANO: No	SUBSTANCE ROLE: Binder

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	GHS - Japan	Carcinogenicity - Category 1A [H350]
CANCER	GHS - Australia	H350i - May cause cancer by inhalation

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category. The GreenScreen assessment for this substance can be found at PharosProject.net.

ANTIMONY OXIDE (ANTIMONY TRIOXIDE)

ID: 1309-64-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-09-28**

#: **0.0000 - 0.5000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	IARC	Group 2b - Possibly carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
CANCER	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen
CANCER	EU - GHS (H-Statements)	H351 - Suspected of causing cancer
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
CANCER	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
CANCER	GHS - Japan	Carcinogenicity - Category 1B [H350]

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category. The GreenScreen assessment for this substance can be found at PharosProject.net.

AROMATIC 100 (AROMATIC NAPHTHA, TYPE 1)

ID: 64742-95-6

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-09-28**

#: **0.0000 - 0.2000** GS: **LT-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
MAMMALIAN	EU - GHS (H-Statements)	H304 - May be fatal if swallowed and enters airways
GENE MUTATION	EU - GHS (H-Statements)	H340 - May cause genetic defects
CANCER	EU - GHS (H-Statements)	H350 - May cause cancer
CANCER	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
GENE MUTATION	EU - REACH Annex XVII CMRs	Mutagen Category 2 - Substances which should be regarded as if they are Mutagenic to man
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
GENE MUTATION	EU - Annex VI CMRs	Mutagen - Category 1B
GENE MUTATION	GHS - Australia	H340 - May cause genetic defects
CANCER	GHS - Australia	H350 - May cause cancer

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category.

FORMALDEHYDE POLYMER WITH 1,3-BENZENE DIMETHANAMINE AND PHENOL

ID: 57214-10-5

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-09-28**
 %: **0.0000 - 0.2000** GS: **LT-P1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Activator**

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

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category.

GRAPHITE

ID: 7440-44-0

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-09-28**
 %: **0.0000 - 0.2000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

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

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category.

N-METHYLPYRROLIDONE

ID: 872-50-4

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-09-28**

#: 0.0000 - 0.2000 GS: BM-1 RC: None NANO: No SUBSTANCE ROLE: Binder

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
DEVELOPMENTAL	CA EPA - Prop 65	Developmental toxicity
REPRODUCTIVE	EU - SVHC Authorisation List	Toxic to reproduction - Candidate list
REPRODUCTIVE	EU - SVHC Authorisation List	Toxic to reproduction - Prioritized for listing
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
DEVELOPMENTAL	EU - GHS (H-Statements)	H360D - May damage the unborn child
REPRODUCTIVE	EU - REACH Annex XVII CMRs	Toxic to Reproduction Category 2 - Substances which should be regarded as if they impair fertility or cause Developmental Toxicity in humans
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
RESTRICTED LIST	US EPA - PPT Chemical Action Plans	TSCA Work Plan chemical - ongoing chemical (risk) assessment
REPRODUCTIVE	GHS - Korea	Reproductive toxicity - Category 1 [H360 - May damage fertility or the unborn child]
REPRODUCTIVE	GHS - New Zealand	6.8A - Known or presumed human reproductive or developmental toxicants
REPRODUCTIVE	GHS - Japan	Toxic to reproduction - Category 1A [H360]
REPRODUCTIVE	GHS - Japan	Toxic to reproduction - Category 1B [H360]
REPRODUCTIVE	EU - Annex VI CMRs	Reproductive Toxicity - Category 1B
DEVELOPMENTAL	GHS - Australia	H360D - May damage the unborn child

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category. The GreenScreen assessment for this substance can be found at PharosProject.net.

SILICA, AMORPHOUS, FUMED, CRYST.-FREE

ID: 112945-52-5

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-09-28

#: 0.0000 - 0.2000 GS: BM-1 RC: None NANO: No SUBSTANCE ROLE: Activator

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
CANCER	GHS - Japan	Carcinogenicity - Category 1A [H350]
CANCER	GHS - Australia	H350i - May cause cancer by inhalation

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category. The GreenScreen assessment for this substance can be found at PharosProject.net.

TRIPHOSPHORIC ACID, PENTAPOTASSIUM SALT

ID: 13845-36-8

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2020-09-28

#: 0.0000 - 0.2000

GS: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Pigment

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

SUBSTANCE NOTES: A range is provided to cover the various options offered within the Epoxy product category.

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

CDPH Standard Method V1.1 (Section 01350/CHPS) - Classroom & Office scenario

CERTIFYING PARTY: Third Party

ISSUE DATE: 2012-05- EXPIRY DATE:

CERTIFIER OR LAB: Air Quality

APPLICABLE FACILITIES: All

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Services (UL)

CERTIFICATE URL:

https://s3orprodpu.origin.build/origin/100320473-aqs_test_results_dur-a-chip.pdf

CERTIFICATION AND COMPLIANCE NOTES: This test report is for Dur-A-Chip, though it is considered a worst-case scenario and as such, covers the full product system.

VOC CONTENT

EPA Method 24 - Volatile Matter Content (EPA 24)

CERTIFYING PARTY: Self-declared

ISSUE DATE: 2020-09- EXPIRY DATE:

CERTIFIER OR LAB: Internally

APPLICABLE FACILITIES: All

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calculated

CERTIFICATE URL:

CERTIFICATION AND COMPLIANCE NOTES: VOCs are calculated to be 0g/L for many of the Epoxy flooring systems. Some specialty components have a higher calculated VOC content so users should contact a Dur-A-Flex representative for more specific information on the purchased system.

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: Dur-A-Flex
ADDRESS: 95 Goodwin Street
 Hartford CT 06108, United States
WEBSITE: www.dur-a-flex.com

CONTACT NAME: Matthew Lavallee
TITLE: Product Manager
PHONE: 8602824155
EMAIL: matthewl@dur-a-flex.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.