# Elemental ISOCORE 8.0 mm / Rigid Core ISOCORE™ 8.0 mm x 0.55 mm by Aspecta N.A.

### created via: HPDC Online Builder

### HPD UNIQUE IDENTIFIER: 29983

CLASSIFICATION: 09 65 19.23 Vinyl Tile Flooring

PRODUCT DESCRIPTION: Elemental by Aspecta<sup>™</sup> ISOCORE 8.0mm (Rigid Core ISOCORE<sup>™</sup> 8.0 mm x 0.55 mm) WPC/Multilayer Modular Flooring comes with a 0.55 mm wear layer and consists of three primary layers: 2.0 mm LVT top layer that matches the look of natural textures, while providing durability and comfort; 4.0 mm ISOCORE Technology<sup>™</sup> - an extruded, closed-cell, vinyl structural core that's 100% waterproof, rigid, strong, and dimensionally stable; and a 2.0 mm pre-attached underlayment that minimizes sound, provides warmth and comfort underfoot, and further helps conceal minor subfloor imperfections. Elemental by Aspecta ISOCORE 8.0mm features DropLock 100<sup>™</sup> installation and Duraspect<sup>™</sup> Extreme Surface Protectant, comes with a 10-year commercial / 15-year residential limited warranty, is phthalate & formaldehyde-free, and FloorScore® certified.

# Section 1: Summary

### **CONTENT INVENTORY**

- Inventory Reporting Format
- Nested Materials Method
   Basic Method
- Threshold Disclosed Per
- C Material
- O Product
- Threshold Level © 100 ppm © 1,000 ppm © Per GHS SDS
- C Other

Residuals/Impurities Evaluation © Completed

- Partially CompletedNot Completed
- Explanation(s) provided : • Yes O No

## **Basic Method / Product Threshold**

For all contents above the threshold, the m	nanufacturer has:
Characterized	O Yes O No
Provided weight and role.	
Screened	• Yes O No
Provided screening results using HPDC-ap	proved
methods.	
Identified	O Yes O No
Provided name and CAS RN or other ident	tifier.

### 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

ELEMENTAL ISOCORE 8.0 MM / RIGID CORE ISOCORE™ 8.0 MM X 0.55 MM [ CALCIUM CARBONATE BM-3 | EYE | POLYVINYL CHLORIDE LT-P1 || MAM DI(2-ETHYLHEXYL) TEREPHTHALATE BM-3dg 2-PROPENOIC ACID, 2-METHYL-, METHYL ESTER, POLYMER WITH BUTYL 2-PROPENOATE LT-UNK | POLYETHYLENE LT-UNK | OCTADECANOIC ACID, CALCIUM SALT LT-UNK ETHENE, CHLORO-, HOMOPOLYMER, CHLORINATED LT-UNK | OCTADECANOIC ACID, ZINC SALT LT-UNK | AQU RUTILE (TIO2) LT-1 | CAN | MAM POLYURETHANE FOAMS LT-UNK POLY[OXY(METHYL-1,2-ETHANEDIYL)], α-HYDRO-ω-HYDROXY- LT-P1 | EYE | PETROLEUM RESINS LT-UNK | BENZENE, ETHENYL-, POLYMER WITH 2-METHYL-1,3-BUTADIENE LT-UNK | 4,4'-METHYLENEDIPHENYL DIISOCYANATE LT-UNK | CAN | RES | SKI | EYE | MAM CARBONIC ACID MONOSODIUM SALT LT-P1 | END | DIAZENE-1,2-DICARBOXAMIDE (C,C'-AZODI(FORMAMIDE)) LT-UNK | PHY | SKI | RES CARBON BLACK BM-1 | CAN | EYE | | MAM WHITE MINERAL OIL (PETROLEUM) LT-UNK | 1,6-HEXANEDIOL DIACRYLATE LT-P1 | SKI | MUL | EYE | AQU 2-PROPENOIC ACID, 2-(HYDROXYMETHYL)-2-[[(1-OXO-2-PROPENYL)OXY]METHYL]-1,3-PROPANEDIYL ESTER LT-P1 SKI | EYE | AQU | REP | MAM BENZENEPROPANOIC ACID, 3,5-BIS(1,1-DIMETHYLETHYL)-4-HYDROXY-, 2,2-BIS[[3-[3,5-BIS(1,1-DIMETHYLETHYL) -4-HYDROXYPHENYL]-1-OXOPROPOXY]METHYL ]-1,3-PROPANEDIYL ESTER LT-UNK | SILICA GEL, PPTD., CRYST.-FREE LT-UNK | 1-BUTENE, HOMOPOLYMER LT-UNK | ALUMINUM OXIDE BM-2 | | MAM DISILOXANE, 1,3-DIETHENYL-1,1,3,3-TETRAMETHYL- LT-UNK | BENZOPHENONE-3; OXYBENZONE LT-P1 | END | MUL | | SKI | AQU ]

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

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1, LT-1, BM-1 Nanomaterial ... No INVENTORY AND SCREENING NOTES:

This HPD was created with Basic Inventory.

# VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

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

VOC emissions: RFCI FloorScore

### CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1. Pre-checked for LEED v4.1 Option 1.

Third Party Verified? ○ Yes ⓒ No PREPARER: Self-Prepared VERIFIER: VERIFICATION #: SCREENING DATE: 2022-09-28 PUBLISHED DATE: 2022-09-28 EXPIRY DATE: 2025-09-28 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

ODUCT THRESHOLD: 100 pp	om	RE No		RITIES EVALUATION COMPLETEI
/e: 1) disclosed all known, int	IOTES: Although this product does no entionally-added ingredients; 2) tested OC emissions/indoor air quality require	this product	to ensure it is free of	red list heavy metals, phthalate-f
HER PRODUCT NOTES:				
CALCIUM CARBONATE				ID: <b>471</b>
HAZARD DATA SOURCE: Ph	aros Chemical and Materials Library	HAZARD S	CREENING DATE: 2	022-09-28 13:18:47
%: 48.5760 - 48.5760	GreenScreen: BM-3	RC: None	NANO: No	SUBSTANCE ROLE: Filler
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
EYE	GHS - New Zealand		Eye irritation categ	ory 2
	EC - CEPA DSL		Persistent	
ADDITIONAL LISTINGS	AGENCY		NOTIFICATION	
POSITIVE LIST	DSITIVE LIST US Environmental Protection Agency (US EPA)		(US US EPA - DfE SCIL	
	,		Green Circle - Verif	ied Low Concern

POLYVINYL CHLORIDE				ID: 9002-86-2
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD S	CREENING DATE:	2022-09-28 13:18:48
%: 38.2750 - 38.5760	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
	EC - CEPA DSL		Persistent	
МАМ	GHS - Japan		repeated exposi	lamage to organs through prolonged or ure [Specific target organs/systemic g repeated exposure - Category 1]

ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
RESTRICTED LIST	Perkins+Will (P+W)	P&W - Precautionary List
		Precautionary list of substances recommended for avoidance
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Core Restrictions
RESTRICTED LIST	International Living Future Institute (ILFI)	Living Building Challenge 4.0 - Red List of Materials & Chemicals
		Red List substances to avoid in Living Building Challenge V4.0 projects
RESTRICTED LIST	International Living Future Institute (ILFI)	Living Building Challenge 4.0 - Red List of Materials & Chemicals
		Priority for Inclusion in the Living Building Challenge Red List

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SO	CREENING DATE	2022-09-28 13:18:48
%: <b>3.3750 - 3.6700</b>	GreenScreen: BM-3dg	RC: None	NANO: No	SUBSTANCE ROLE: Plasticizer
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found			No wa	rnings found on HPD Priority Hazard List
ADDITIONAL LISTINGS	AGENCY		NOTIFICATION	
None found			No	blistings found on Additional Hazard List
SUBSTANCE NOTES:				
SUBSTANCE NOTES:				
SUBSTANCE NOTES:				
2-PROPENOIC ACID, 2-M	IETHYL-, METHYL ESTER, POLYMER			ID: 25852-37
2-PROPENOIC ACID, 2-M WITH BUTYL 2-PROPEN(	DATE	HAZARD S(		
2- <b>PROPENOIC ACID, 2-M</b> VITH BUTYL 2-PROPENO IAZARD DATA SOURCE:	DATE Pharos Chemical and Materials Library			2022-09-28 13:18:49
2-PROPENOIC ACID, 2-M VITH BUTYL 2-PROPENO	DATE	HAZARD SO RC: None		
2- <b>PROPENOIC ACID, 2-M</b> VITH BUTYL 2-PROPENO IAZARD DATA SOURCE:	DATE Pharos Chemical and Materials Library			2022-09-28 13:18:49
P-PROPENOIC ACID, 2-M VITH BUTYL 2-PROPENO IAZARD DATA SOURCE: 6: 2.3580 - 2.3580	Pharos Chemical and Materials Library GreenScreen: LT-UNK		NANO: No	2022-09-28 13:18:49
2-PROPENOIC ACID, 2-M VITH BUTYL 2-PROPENO IAZARD DATA SOURCE: %: 2.3580 - 2.3580	Pharos Chemical and Materials Library GreenScreen: LT-UNK AGENCY AND LIST TITLES		NANO: <b>No</b>	: 2022-09-28 13:18:49 SUBSTANCE ROLE: Processing regulat

Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-09-28 13:18:49	)
GreenScreen: LT-UNK RC: None NANO: No SUBSTANCE ROLE	Polymer species
AGENCY AND LIST TITLES WARNINGS	
EC - CEPA DSL Persistent	
AGENCY NOTIFICATION	
No listings found on Add	itional Hazard Lists
CALCIUM SALT	ID: 1592-23-
Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-09-28 13:18:50	)
GreenScreen: LT-UNK RC: None NANO: No SUBSTANCE RC	LE: Stabilizer
AGENCY AND LIST TITLES WARNINGS	
No warnings found on HPD F	riority Hazard Lists
AGENCY NOTIFICATION	
No listings found on Add	itional Hazard Lists
IOPOLYMER, CHLORINATED	ID: 68648-82-
Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-09-28 13:18:51	Polymer species
Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-09-28 13:18:51	

ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
RESTRICTED LIST	Perkins+Will (P+W)	P&W - Precautionary List
		Precautionary list of substances recommended for avoidance
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Core Restrictions
RESTRICTED LIST	International Living Future Institute (ILFI)	Living Building Challenge 4.0 - Red List of Materials & Chemicals
		Red List substances to avoid in Living Building Challenge V4.0 projects

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SO	CREENING DATE:	2022-09-28 13:18:51
%: 0.6510 - 0.6530	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Stabilizer
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
	EC - CEPA DSL		Persistent	
AQU	GHS - New Zealand		Hazardous to the	e aquatic environment - acute category
ADDITIONAL LISTINGS	AGENCY		NOTIFICATION	
RESTRICTED LIST	Cradle to Cradle Products Innov Institute (C2CPII)	ation	010 0000000	Product Standard Restricted (RSL) - Effective July 1, 2022
			Biological and E	nvironmentally Released Materials
RESTRICTED LIST	Cradle to Cradle Products Innov Institute (C2CPII)	ation		Product Standard Restricted (RSL) - Effective July 1, 2022
			Children's Produ	ucts

RUTILE (TIO2)				ID	: 1317-80-2
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SCR	EENING DATE:	2022-09-28 13:18:52	
%: 0.4950 - 0.4950	GreenScreen: LT-1	RC: None	NANO: No	SUBSTANCE ROLE: Pign	nent

HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
CAN	US CDC - Occupational Carcino	ogens	Occupational Ca	arcinogen
CAN	CA EPA - Prop 65		Carcinogen - sp route	ecific to chemical form or exposure
CAN	IARC		Group 2B - Poss from occupatior	sibly carcinogenic to humans - inhaled nal sources
CAN	МАК		-	up 3A - Evidence of carcinogenic effe t to establish MAK/BAT value
	EC - CEPA DSL		Persistent	
MAM	GHS - Japan		repeated exposi	lamage to organs through prolonged ure [Specific target organs/systemic g repeated exposure - Category 1]
ADDITIONAL LISTINGS	AGENCY		NOTIFICATION	
RESTRICTED LIST	Cradle to Cradle Products Innov Institute (C2CPII)	vation		Product Standard Restricted (RSL) - Effective July 1, 2022
			Cosmetics & Pe	rsonal Care Products
SUBSTANCE NOTES: POLYURETHANE FOAMS				ID: 9009-
				ID: 9009-
POLYURETHANE FOAMS	Pharos Chemical and Materials Library	HAZARD S	CREENING DATE:	
POLYURETHANE FOAMS	Pharos Chemical and Materials Library GreenScreen: LT-UNK	HAZARD SO RC: None	CREENING DATE: NANO: <b>No</b>	
POLYURETHANE FOAMS HAZARD DATA SOURCE:				2022-09-28 13:18:52
POLYURETHANE FOAMS HAZARD DATA SOURCE: %: 0.4010 - 0.4160	GreenScreen: LT-UNK		NANO: <b>No</b> WARNINGS	2022-09-28 13:18:52
POLYURETHANE FOAMS HAZARD DATA SOURCE: %: 0.4010 - 0.4160 HAZARD TYPE	GreenScreen: LT-UNK		NANO: <b>No</b> WARNINGS	2022-09-28 13:18:52 SUBSTANCE ROLE: Powder coatin
POLYURETHANE FOAMS HAZARD DATA SOURCE: %: 0.4010 - 0.4160 HAZARD TYPE None found	GreenScreen: LT-UNK		NANO: No WARNINGS No warn	2022-09-28 13:18:52 SUBSTANCE ROLE: Powder coatin
POLYURETHANE FOAMS HAZARD DATA SOURCE: %: 0.4010 - 0.4160 HAZARD TYPE None found ADDITIONAL LISTINGS	GreenScreen: LT-UNK		NANO: No WARNINGS No warn	2022-09-28 13:18:52 SUBSTANCE ROLE: Powder coatin
POLYURETHANE FOAMS HAZARD DATA SOURCE: %: 0.4010 - 0.4160 HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES:	GreenScreen: LT-UNK		NANO: No WARNINGS No warn	2022-09-28 13:18:52 SUBSTANCE ROLE: Powder coatin
POLYURETHANE FOAMS HAZARD DATA SOURCE: %: 0.4010 - 0.4160 HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES: POLY[OXY(METHYL-1,2-E	GreenScreen: LT-UNK AGENCY AND LIST TITLES AGENCY	RC: None	NANO: No WARNINGS No war NOTIFICATION No	2022-09-28 13:18:52 SUBSTANCE ROLE: Powder coatin nings found on HPD Priority Hazard Li listings found on Additional Hazard Li
POLYURETHANE FOAMS HAZARD DATA SOURCE: %: 0.4010 - 0.4160 HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES: POLY[OXY(METHYL-1,2-E	GreenScreen: LT-UNK AGENCY AND LIST TITLES AGENCY THANEDIYL)], α-HYDRO-ω-HYDROXY-	RC: None	NANO: No WARNINGS No war NOTIFICATION No	2022-09-28 13:18:52 SUBSTANCE ROLE: Powder coatin nings found on HPD Priority Hazard Li listings found on Additional Hazard Li
POLYURETHANE FOAMS HAZARD DATA SOURCE: %: 0.4010 - 0.4160 HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES: POLY[OXY(METHYL-1,2-E HAZARD DATA SOURCE:	GreenScreen: LT-UNK AGENCY AND LIST TITLES AGENCY THANEDIYL)], α-HYDRO-ω-HYDROXY- Pharos Chemical and Materials Library	RC: None	NANO: No WARNINGS No war NOTIFICATION No	2022-09-28 13:18:52 SUBSTANCE ROLE: Powder coatin hings found on HPD Priority Hazard Li listings found on Additional Hazard Li ID: 25322- 2022-09-28 13:18:53
POLYURETHANE FOAMS HAZARD DATA SOURCE: %: 0.4010 - 0.4160 HAZARD TYPE None found ADDITIONAL LISTINGS None found SUBSTANCE NOTES: POLY[OXY(METHYL-1,2-E HAZARD DATA SOURCE: %: 0.3380 - 0.3380	GreenScreen: LT-UNK AGENCY AND LIST TITLES AGENCY THANEDIYL)], α-HYDRO-ω-HYDROXY- Pharos Chemical and Materials Library GreenScreen: LT-P1	RC: None	NANO: No WARNINGS No warn NOTIFICATION No	2022-09-28 13:18:52 SUBSTANCE ROLE: Powder coatin hings found on HPD Priority Hazard Li listings found on Additional Hazard Li ID: 25322- 2022-09-28 13:18:53 SUBSTANCE ROLE: Polymer speci

HAZARD DATA SOURCE:       Pharos Chemical and Materials Library       HAZARD SCREENING DATE:       2022-09-28 13:18:54         95: 0.3280       GreenScreen:       LT-UNK       RC: None       NANO: No       SUBSTANCE ROLE: Adhesive         HAZARD TYPE       AGENCY AND LIST TITLES       WARNINGS         EC - CEPA DSL       Persistent         ADDITIONAL LISTINGS       AGENCY       NOTIFICATION         None found       No listings found on Additional Hazard List         SUBSTANCE NOTES:       ID: 25038-3         BENZENE, ETHENYL-, POLYMER WITH 2-METHYL-1,3-       ID: 25038-3         BUTADIENE       ID: 25038-4         HAZARD DATA SOURCE:       Pharos Chemical and Materials Library         HAZARD DATA SOURCE:       Pharos Chemical and Materials Library         HAZARD DATA SOURCE:       Pharos Chemical and Materials Library         HAZARD TYPE       AGENCY AND LIST TITLES         WARNINGS       EC - CEPA DSL         Persistent       ADDITIONAL LISTINGS         AGENCY AND LIST TITLES       WARNINGS         EC - CEPA DSL       Persistent         ADDITIONAL LISTINGS       AGENCY         ADDITIONAL LISTINGS       AGENCY         ADDITIONAL LISTINGS       AGENCY         ADDITIONAL LISTINGS       AGENCY	ADDITIONAL LISTINGS	AGENCY		NOTIFICATIO	V
SUBSTANCE NOTES:       ID: 8472-1         PETROLEUM RESINS       ID: 8472-1         HAZARD DATA SOURCE:       Pharos Chemical and Materials Library       HAZARD SCREENING DATE:       2022-09-28 13:18:54         %: 0.3280 0.3280       GroonScroom:       IT-UNK       RC: None       NANO: No       SUBSTANCE ROLE: Adhesive         HAZARD TYPE       AGENCY AND LIST ITTLES       WARNINGS       ID: 8472-1         ADDITIONAL LISTINGS       AGENCY       NOTIFICATION         None found       No listings found on Additional Hazard Library       IN 2008-13:18:54         SUBSTANCE NOTES:       ID: 2008-14       ID: 2008-14         BENZENE, ETHENYL-, POLYMER WITH 2-METHYL-1,3-       ID: 2008-14         SUBSTANCE NOTES:       ID: 2008-14         BENZENE, ETHENYL-, POLYMER WITH 2-METHYL-1,3-       ID: 2008-14         SUBSTANCE NOTES:       ID: 2008-14         BENZENE, ETHENYL-, POLYMER WITH 2-METHYL-1,3-       ID: 2008-14         SUBSTANCE NOTES:       ID: 2008-14         ADATA SOURCE:       Phares Chemical and Materials Library       HAZARD SCREENING DATE:         ADDITIONAL LISTINGS       AGENCY       NOTIFICATION         Nore found       ID: 2008-14       Persistent         ADDITIONAL LISTINGS       AGENCY       NOTIFICATION         Nore found	RESTRICTED LIST		jency (US	US EPA - DfE	SCIL
PETROLEUM RESINS DURCE: Pharos Chemical and Materials Library MAZARD SCREENING DATE: 2022-09-28 13:18:54 4%: 0.3280 GreenSereen: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Adhesive HAZARD TYPE AGENCY AND LIST TITLES WARNINGS AGENCY NOTFICATION None found COMPARIANT SCREENING DATE: 2022-09-28 13:18:54 SUBSTANCE NOTES: BENZENE, ETHENYL-1,POLYMER WITH 2-METHYL-1,3- BUTZOIEME BEZENE, ETHENYL-1,POLYMER WITH 2-METHYL-1,3- BUTZOIEME BUTZOIEME BEZENE, ETHENYL-1,POLYMER WITH 2-METHYL-1,3- BUTZOIEME BUTZOIEME BEZENE, ETHENYL-1,POLYMER WITH 2-METHYL-1,3- BUTZOIEME BUTZOIEME BUTZOIEME BEZENE, ETHENYL-1,POLYMER WITH 2-METHYL-1,3- BUTZOIEME BUTTI 2-METHYL-1,3- BUTZOIEME BUT		EPA)		-	e - best available in class but some hazard
PETROLELM RESINS       Pharos Chemical and Materials Library       HAZARD SCREEENING DATE:       2022-09-28 13:18:54         HAZARD DATA SOURCE:       Persos Chemical and Materials Library       RC: None       NANO: No       SUBSTANCE ROLE: Adhesive         HAZARD TYPE       AGENCY AND LIST TITLES       WARNINGS       WARNINGS         ADDITIONAL LISTINGS       AGENCY       NOTIFICATION       None found         None found       None found       No listings found on Additional Hazard Listings         SUBSTANCE NOTES:       Persistemt       ID: 2808-6         BENZEINE, ETHENYL-, POLYMER WITH 2-METHYL-1,3- BUTADIENE       ID: 2808-6         RAZARD DATA SOURCE:       Pharos Chemical and Materials Library       HAZARD SCREEINING DATE:       2022-09-28 13:18:54         MAZARD DATA SOURCE:       Pharos Chemical and Materials Library       HAZARD SCREEINING DATE:       2022-09-28 13:18:54         MAZARD DATA SOURCE:       Pharos Chemical and Materials Library       HAZARD XIN       SUBSTANCE ROLE: Processing regular         MAZARD TYPE       AGENCY AND LIST TITLES       WARNINGS       EC - CEPA DSL       Persistemt         ADDITIONAL LISTINGS       AGENCY       NOTIFICATION       No listings found on Additional Hazard Listing Substance ROLE: Processing regular         ADDITIONAL LISTINGS       AGENCY       NOTIFICATION       No listings found on Additional					
HAZARD DATA SOURCE:       Pharos Chemical and Materials Library       HAZARD SCREENING DATE:       2022-09-28 13:18:54         %: 0.3280 - 0.3280       GreenScreen: LT-UNK       RC: None       NANO: No       SUBSTANCE ROLE: Adhesive         HAZARD TYPE       AGENCY AND LIST TITLES       WARNINGS         EC - CEPA DSL       Persistent         ADDITIONAL LISTINGS       AGENCY       NOTIFICATION         None found       No listings found on Additional Hazard Library         BENZENE, ETHENYL-, POLYMER WITH 2-METHYL-1,2-       ID: 20034-3         BUTADIENE       ID: 20034-3         HAZARD DATA SOURCE:       Pharos Chemical and Materials Library         HAZARD TYPE       AGENCY AND LIST TITLES         WARNINGS       ID: 20034-3         BUTADIENE       ID: 20034-3         HAZARD DATA SOURCE:       Pharos Chemical and Materials Library         HAZARD TYPE       AGENCY AND LIST TITLES         WARNINGS       EC - CEPA DSL         Persistent       ADDITIONAL LISTINGS         ADDITIONAL LISTINGS       AGENCY         None found       No listings found on Additional Hazard Library         HAZARD TYPE       AGENCY         ADDITIONAL LISTINGS       AGENCY         None found       No listings found on Additional Hazard Library <th>SOBSTANCE NOTES.</th> <th></th> <th></th> <th></th> <th></th>	SOBSTANCE NOTES.				
%: 0.3280 - 0.3280       GreenScreen: LT-UNK       RC: None       NANO: No       SUBSTANCE ROLE: Adhesive         HAZARD TYPE       AGENCY AND LIST TITLES       WARNINGS         EC - CEPA DSL       Persistent         ADDITIONAL LISTINGS       AGENCY       NOTIFICATION         None found       No listings found on Additional Hazard List         SUBSTANCE NOTES:       BENZENE, ETHENYL-, POLYMER WITH 2-METHYL-1,3-       ID: 25038-3         BENZENE, ETHENYL-, POLYMER WITH 2-METHYL-1,3-       ID: 25038-3         BUTADIENE       GreenScreen: LT-UNK       RC: None       NANO: No       SUBSTANCE ROLE: Processing regula         HAZARD TYPE       AGENCY AND LIST TITLES       WARNINGS       ID: 25038-3         HAZARD TYPE       AGENCY AND LIST TITLES       WARNINGS         ADDITIONAL LISTINGS       AGENCY       NANO: No       SUBSTANCE ROLE: Processing regula         HAZARD TYPE       AGENCY AND LIST TITLES       WARNINGS         ADDITIONAL LISTINGS       AGENCY       NOTIFICATION         None found       No listings found on Additional Hazard Lis         SUBSTANCE NOTES:       VARNINGS         4/4'-METHYLENEDIPHENYL DIISOCYANATE       ID: 101-4         HAZARD DATA SOURCE:       Pharos Chemical and Materials Library       HAZARD SCREENING DATE: 2022-09-28 13:18:55	PETROLEUM RESINS				ID: 64742-16
HAZARD TYPE       AGENCY AND LIST TITLES       WARNINGS         EC - CEPA DSL       Persistent         ADDITIONAL LISTINGS       AGENCY       NOTIFICATION         None found       No listings found on Additional Hazard Listings         SUBSTANCE NOTES:       BENZENE, ETHENYL-, POLYMER WITH 2-METHYL-1,3-       ID: 25038-3         BENZENE, ETHENYL-, POLYMER WITH 2-METHYL-1,3-       ID: 25038-3         BENZENE, ETHENYL-, POLYMER WITH 2-METHYL-1,3-       ID: 25038-3         BUTADIENE       HAZARD DATA SOURCE:       Pharos Chemical and Materials Library         HAZARD TYPE       AGENCY AND LIST TITLES       WARNINGS         HAZARD TYPE       AGENCY AND LIST TITLES       WARNINGS         ADDITIONAL LISTINGS       AGENCY       NOTIFICATION         None found       No listings found on Additional Hazard Listings       SUBSTANCE NOTES:         4,4-METHYLENEDIPHENYL DISOCYANATE       ID: 101-4       ID: 101-4         HAZARD DATA SOURCE:       Pharos Chemical and Materials Library       HAZARD SCREENING DATE: 2022-09-28 13:18:55         4,4-METHYLENEDIPHENYL DISOCYANATE       ID: 101-4       ID: 101-4         HAZARD TYPE       AGENCY AND LIST TITLES       WARNINGS         GAN       MAK       Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAXGBAT levels <th>HAZARD DATA SOURCE:</th> <th>Pharos Chemical and Materials Library</th> <th>HAZARD SO</th> <th>CREENING DATI</th> <th>E: 2022-09-28 13:18:54</th>	HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SO	CREENING DATI	E: 2022-09-28 13:18:54
EC - CEPA DSL       Persistent         ADDITIONAL LISTINGS       AGENCY       NOTIFICATION         None found       No listings found on Additional Hazard Listings         SUBSTANCE NOTES:       ID: 25038-0         BENZENE, ETHENYL-, POLYMER WITH 2-METHYL-1,3-       ID: 25038-0         BENZENE, ETHENYL-, POLYMER WITH 2-METHYL-1,3-       ID: 25038-0         HAZARD DATA SOURCE:       Pharos Chemical and Materials Library       HAZARD SCREENING DATE: 2022-09-28 13:18:54         HAZARD DATA SOURCE:       Pharos Chemical and Materials Library       HAZARD SCREENING DATE: 2022-09-28 13:18:54         HAZARD TYPE       AGENCY AND LIST TITLES       WARNINGS         HAZARD TYPE       AGENCY       NOTIFICATION         None found       No listings found on Additional Hazard List       SUBSTANCE NOTES:         4/4-METHYLENEDIPHENYL DIISOCYANATE       ID: 101-4         HAZARD DATA SOURCE:       Pharos Chemical and Materials Library       HAZARD SCREENING DATE: 2022-09-28 13:18:55         %: 0.1780       GreenScreen: LT-UNK       RC: None       No listings found on Additional Hazard List         HAZARD DATA SOURCE:       Pharos Chemical and Materials Library       HAZARD SCREENING DATE: 2022-09-28 13:18:65         %: 0.1780 - 0.1780       GreenScreen: LT-UNK       RC: None       NANO: No       SUBSTANCE ROLE: Processing regula	%: <b>0.3280 - 0.3280</b>	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Adhesive
ADDITIONAL LISTINGS AGENCY NOTIFICATION None found No listings found on Additional Hazard Lis SUBSTANCE NOTES: BENZENE, ETHENYL-, POLYMER WITH 2-METHYL-1,3- UD: 25038-3 UTADIENE HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-09-28 13:18:54 %: 0.2140 - 0.2140 GreenScreen: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Processing regulat HAZARD TYPE AGENCY AND LIST TITLES WARNINGS EC - CEPA DSL Persistent ADDITIONAL LISTINGS AGENCY NOTIFICATION None found No listings found on Additional Hazard Lib SUBSTANCE NOTES: 4.4'-METHYLENEDIPHENYL DIISOCYANATE ID: 101-101 HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-09-28 13:18:55 %: 0.1780 - 0.1780 GreenScreen: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Processing regulat HAZARD TYPE AGENCY AND LIST TITLES WARNINGS CAN MAK Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels RES MAK	HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None found       No listings found on Additional Hazard Listing         SUBSTANCE NOTES:       ID: 25036-3         BENZENE, ETHENYL-, POLYMER WITH 2-METHYL-1,3-       ID: 25036-3         HAZARD DATA SOURCE:       Pharos Chemical and Materials Library         HAZARD DATA SOURCE:       Pharos Chemical and Materials Library         HAZARD DATA SOURCE:       Pharos Chemical and Materials Library         HAZARD TYPE       GreenScreen: LT-UNK         AGENCY AND LIST TITLES       WARNINGS         ADDITIONAL LISTINGS       AGENCY         None found       No listings found on Additional Hazard Library         AV-METHYLENEDIPHENYL DISOCYANATE       No listings found on Additional Hazard Library         HAZARD DATA SOURCE:       Pharos Chemical and Materials Library		EC - CEPA DSL		Persistent	
SUBSTANCE NOTES:       ID: 25038-3         BENZENE, ETHENYL-, POLYMER WITH 2-METHYL-1,3-       ID: 25038-3         BUTADIENE       Pharos Chemical and Materials Library       HAZARD SCREENING DATE: 2022-09-28 13:18:54         HAZARD DATA SOURCE:       Pharos Chemical and Materials Library       HAZARD SCREENING DATE: 2022-09-28 13:18:54         %: 0.2140 - 0.2140       GreenScreen: LT-UNK       RC: None       NANO: No       SUBSTANCE ROLE: Processing regula         HAZARD TYPE       AGENCY AND LIST TITLES       WARNINGS         ADDITIONAL LISTINGS       AGENCY       NOTIFICATION         None found       No listings found on Additional Hazard Listing         SUBSTANCE NOTES:       LD: 101-4         4.4'-METHYLENEDIPHENYL DIISOCYANATE       ID: 2022-09-28 13:18:55         %: 0.1780 - 0.1780       GreenScreen: LT-UNK       RC: None       NANO: No       SUBSTANCE ROLE: Processing regula         HAZARD DATA SOURCE:       Pharos Chemical and Materials Library       HAZARD SCREENING DATE: 2022-09-28 13:18:55       ID: 101-4         K0. 1780 - 0.1780       GreenScreen: LT-UNK       RC: None       NANO: No       SUBSTANCE ROLE: Processing regula         HAZARD DATA SOURCE:       Pharos Chemical and Materials Library       HAZARD SCREENING DATE: 2022-09-28 13:18:55       ID: 101-4         %: 0.1780 - 0.1780       GreenScreen: LT-UNK       RC:	ADDITIONAL LISTINGS	AGENCY		NOTIFICATIO	٧
BENZENE, ETHENYL-, POLYMER WITH 2-METHYL-1,3- BUTADIENE HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2022-09-28 13:18:54 K0.2140 - 0.2140 GreenScreen: LT-UNK RC: Nore NANO: No SUBSTANCE ROLE: Processing regula HAZARD TYPE AGENCY AND LIST TITLES WARNINGS LCC - CEPA DSL Persistent ADDITIONAL LISTINGS AGENCY NOTIFICATION Nore found No Isitings found on Additional Hazard Library 4.4'-METHYLENEDIPHENYL DISOCYANATE ID: 10: 10: 10: 10: 10: 10: 10: 10: 10: 10	None found			N	o listings found on Additional Hazard Lists
%: 0.2140 - 0.2140       GreenScreen: LT-UNK       RC: None       NANC: No       SUBSTANCE ROLE: Processing regular         HAZARD TYPE       AGENCY AND LIST TITLES       WARNINGS         ADDITIONAL LISTINGS       AGENCY       Persistent         ADDITIONAL LISTINGS       AGENCY       NOTIFICATION         None found       Value       No listings found on Additional Hazard List         SUBSTANCE NOTES:       LD: 101-6         4,4'-METHYLENEDIPHENYL DIISOCYANATE       ID: 101-6         HAZARD DATA SOURCE:       Pharos Chemical and Materials Library       HAZARD SCREENING DATE:       2022-09-28 13:18:55         %: 0.1780 - 0.1780       GreenScreen: LT-UNK       RC: None       NANO: No       SUBSTANCE ROLE: Processing regular         HAZARD TYPE       AGENCY AND LIST TITLES       WARNINGS         CAN       MAK       Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels         RES       MAK       Sensitizing Substance Sah - Danger of airway & skin					
HAZARD TYPE       AGENCY AND LIST TITLES       WARNINGS         ADDITIONAL LISTINGS       AGENCY       NOTIFICATION         ADDITIONAL LISTINGS       AGENCY       NOTIFICATION         None found       No listings found on Additional Hazard Listings         SUBSTANCE NOTES:       ID: 101-6         HAZARD DATA SOURCE:       Pharos Chemical and Materials Library         HAZARD DATA SOURCE:       Pharos Chemical and Materials Library         HAZARD TYPE       GreenScreen: LT-UNK         HAZARD TYPE       AGENCY AND LIST TITLES         KAZARD TYPE       AGENCY AND LIST TITLES         WARNINGS       Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels         RES       MAK       Sensitizing Substance Sah - Danger of airway & skin	BUTADIENE		HAZARD SO	CREENING DATI	ID: 25038-32-
EC - CEPA DSL       Persistent         ADDITIONAL LISTINGS       AGENCY         None found       No listings found on Additional Hazard List         SUBSTANCE NOTES:       SUBSTANCE NOTES:         4,4'-METHYLENEDIPHENYL DIISOCYANATE       ID: 101-6         HAZARD DATA SOURCE:       Pharos Chemical and Materials Library         HAZARD DATA SOURCE:       Pharos Chemical and Materials Library         HAZARD TYPE       AGENCY AND LIST TITLES         KAX       Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels         RES       MAK	BUTADIENE HAZARD DATA SOURCE:	Pharos Chemical and Materials Library			E: 2022-09-28 13:18:54
None found       No listings found on Additional Hazard List         SUBSTANCE NOTES:       ID: 101-6         4,4'-METHYLENEDIPHENYL DIISOCYANATE       ID: 101-6         HAZARD DATA SOURCE:       Pharos Chemical and Materials Library       HAZARD SCREENING DATE: 2022-09-28 13:18:55         %: 0.1780 - 0.1780       GreenScreen: LT-UNK       RC: None       NANO: No       SUBSTANCE ROLE: Processing regular         HAZARD TYPE       AGENCY AND LIST TITLES       WARNINGS         CAN       MAK       Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels         RES       MAK       Sensitizing Substance Sah - Danger of airway & skin	BUTADIENE HAZARD DATA SOURCE: %: 0.2140 - 0.2140	Pharos Chemical and Materials Library GreenScreen: LT-UNK		NANO: No	
SUBSTANCE NOTES:       ID: 101-6         4,4'-METHYLENEDIPHENYL DIISOCYANATE       ID: 101-6         HAZARD DATA SOURCE:       Pharos Chemical and Materials Library       HAZARD SCREENING DATE:       2022-09-28 13:18:55         %: 0.1780 - 0.1780       GreenScreen: LT-UNK       RC: None       NANO: No       SUBSTANCE ROLE:       Processing regula         HAZARD TYPE       AGENCY AND LIST TITLES       WARNINGS         CAN       MAK       Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels         RES       MAK       Sensitizing Substance Sah - Danger of airway & skin	BUTADIENE HAZARD DATA SOURCE: %: 0.2140 - 0.2140	Pharos Chemical and Materials Library GreenScreen: LT-UNK AGENCY AND LIST TITLES		NANO: <b>No</b> WARNINGS	E: 2022-09-28 13:18:54
4,4'-METHYLENEDIPHENYL DIISOCYANATE       ID: 101-6         HAZARD DATA SOURCE:       Pharos Chemical and Materials Library       HAZARD SCREENING DATE: 2022-09-28 13:18:55         %: 0.1780 - 0.1780       GreenScreen: LT-UNK       RC: None       NANO: No       SUBSTANCE ROLE: Processing regula         HAZARD TYPE       AGENCY AND LIST TITLES       WARNINGS         CAN       MAK       Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels         RES       MAK       Sensitizing Substance Sah - Danger of airway & skin	BUTADIENE HAZARD DATA SOURCE: %: 0.2140 - 0.2140 HAZARD TYPE	Pharos Chemical and Materials Library GreenScreen: LT-UNK AGENCY AND LIST TITLES EC - CEPA DSL		NANO: No WARNINGS Persistent	E: 2022-09-28 13:18:54 SUBSTANCE ROLE: Processing regulato
HAZARD DATA SOURCE:       Pharos Chemical and Materials Library       HAZARD SCREENING DATE:       2022-09-28 13:18:55         %:       0.1780 - 0.1780       GreenScreen: LT-UNK       RC: None       NANO: No       SUBSTANCE ROLE: Processing regula         HAZARD TYPE       AGENCY AND LIST TITLES       WARNINGS         CAN       MAK       Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels         RES       MAK       Sensitizing Substance Sah - Danger of airway & skin	BUTADIENE HAZARD DATA SOURCE: %: 0.2140 - 0.2140 HAZARD TYPE ADDITIONAL LISTINGS	Pharos Chemical and Materials Library GreenScreen: LT-UNK AGENCY AND LIST TITLES EC - CEPA DSL		NANO: No WARNINGS Persistent NOTIFICATION	E: 2022-09-28 13:18:54 SUBSTANCE ROLE: Processing regulato
HAZARD DATA SOURCE:       Pharos Chemical and Materials Library       HAZARD SCREENING DATE:       2022-09-28 13:18:55         %:       0.1780 - 0.1780       GreenScreen: LT-UNK       RC: None       NANO: No       SUBSTANCE ROLE: Processing regula         HAZARD TYPE       AGENCY AND LIST TITLES       WARNINGS         CAN       MAK       Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels         RES       MAK       Sensitizing Substance Sah - Danger of airway & skin	BUTADIENE HAZARD DATA SOURCE: %: 0.2140 - 0.2140 HAZARD TYPE ADDITIONAL LISTINGS None found	Pharos Chemical and Materials Library GreenScreen: LT-UNK AGENCY AND LIST TITLES EC - CEPA DSL		NANO: No WARNINGS Persistent NOTIFICATION	E: 2022-09-28 13:18:54 SUBSTANCE ROLE: Processing regulato
%: 0.1780 - 0.1780       GreenScreen: LT-UNK       RC: None       NANO: No       SUBSTANCE ROLE: Processing regular         HAZARD TYPE       AGENCY AND LIST TITLES       WARNINGS         CAN       MAK       Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels         RES       MAK       Sensitizing Substance Sah - Danger of airway & skin	BUTADIENE HAZARD DATA SOURCE: %: 0.2140 - 0.2140 HAZARD TYPE ADDITIONAL LISTINGS None found	Pharos Chemical and Materials Library GreenScreen: LT-UNK AGENCY AND LIST TITLES EC - CEPA DSL		NANO: No WARNINGS Persistent NOTIFICATION	E: 2022-09-28 13:18:54 SUBSTANCE ROLE: Processing regulato
HAZARD TYPE       AGENCY AND LIST TITLES       WARNINGS         CAN       MAK       Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels         RES       MAK       Sensitizing Substance Sah - Danger of airway & skin	BUTADIENE HAZARD DATA SOURCE: %: 0.2140 - 0.2140 HAZARD TYPE ADDITIONAL LISTINGS None found SUBSTANCE NOTES: 4,4'-METHYLENEDIPHEN	Pharos Chemical and Materials Library GreenScreen: LT-UNK AGENCY AND LIST TITLES EC - CEPA DSL AGENCY YL DIISOCYANATE	RC: None	NANO: No WARNINGS Persistent NOTIFICATION	E: 2022-09-28 13:18:54 SUBSTANCE ROLE: Processing regulato N to listings found on Additional Hazard Lists ID: 101-68-
CAN       MAK       Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels         RES       MAK       Sensitizing Substance Sah - Danger of airway & skin	BUTADIENE HAZARD DATA SOURCE: %: 0.2140 - 0.2140 HAZARD TYPE ADDITIONAL LISTINGS None found SUBSTANCE NOTES: 4,4'-METHYLENEDIPHEN HAZARD DATA SOURCE:	Pharos Chemical and Materials Library GreenScreen: LT-UNK AGENCY AND LIST TITLES EC - CEPA DSL AGENCY YL DIISOCYANATE Pharos Chemical and Materials Library	RC: None	NANO: No WARNINGS Persistent NOTIFICATION	E: 2022-09-28 13:18:54 SUBSTANCE ROLE: Processing regulato N o listings found on Additional Hazard Lists ID: 101-68 E: 2022-09-28 13:18:55
RES     MAK     Sensitizing Substance Sah - Danger of airway & skin	BUTADIENE HAZARD DATA SOURCE: %: 0.2140 - 0.2140 HAZARD TYPE ADDITIONAL LISTINGS None found SUBSTANCE NOTES: 4,4'-METHYLENEDIPHEN HAZARD DATA SOURCE: %: 0.1780 - 0.1780	Pharos Chemical and Materials Library GreenScreen: LT-UNK AGENCY AND LIST TITLES EC - CEPA DSL AGENCY YL DIISOCYANATE Pharos Chemical and Materials Library GreenScreen: LT-UNK	RC: None	NANO: No WARNINGS Persistent NOTIFICATION N CREENING DATI	E: 2022-09-28 13:18:54 SUBSTANCE ROLE: Processing regulato N to listings found on Additional Hazard Lists ID: 101-68-
	BUTADIENE HAZARD DATA SOURCE: %: 0.2140 - 0.2140 HAZARD TYPE ADDITIONAL LISTINGS None found SUBSTANCE NOTES: 4,4'-METHYLENEDIPHEN HAZARD DATA SOURCE: %: 0.1780 - 0.1780 HAZARD TYPE	Pharos Chemical and Materials Library GreenScreen: LT-UNK AGENCY AND LIST TITLES EC - CEPA DSL AGENCY YL DIISOCYANATE Pharos Chemical and Materials Library GreenScreen: LT-UNK AGENCY AND LIST TITLES	RC: None	NANO: No WARNINGS Persistent NOTIFICATION N CREENING DATION NANO: No WARNINGS	E: 2022-09-28 13:18:54 SUBSTANCE ROLE: Processing regulator N o listings found on Additional Hazard Lists ID: 101-68 E: 2022-09-28 13:18:55 SUBSTANCE ROLE: Processing regulator
	BUTADIENE HAZARD DATA SOURCE: %: 0.2140 - 0.2140 HAZARD TYPE ADDITIONAL LISTINGS None found SUBSTANCE NOTES: 4,4'-METHYLENEDIPHEN HAZARD DATA SOURCE: %: 0.1780 - 0.1780 HAZARD TYPE	Pharos Chemical and Materials Library GreenScreen: LT-UNK AGENCY AND LIST TITLES EC - CEPA DSL AGENCY YL DIISOCYANATE Pharos Chemical and Materials Library GreenScreen: LT-UNK AGENCY AND LIST TITLES	RC: None	NANO: No WARNINGS Persistent NOTIFICATION N CREENING DATI NANO: No WARNINGS Carcinogen G	E: 2022-09-28 13:18:54 SUBSTANCE ROLE: Processing regulator N ID: 101-68: E: 2022-09-28 13:18:55 SUBSTANCE ROLE: Processing regulator roup 4 - Non-genotoxic carcinogen with

SKI	EU - GHS (H-Statements) Annex 6 Table 3-1	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
EYE	EU - GHS (H-Statements) Annex 6 Table 3-1	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
SKI	GHS - New Zealand	Skin irritation category 2
EYE	GHS - New Zealand	Eye irritation category 2
SKI	GHS - Australia	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
EYE	GHS - Australia	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
CAN	GHS - New Zealand	Carcinogenicity category 2
МАМ	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
МАМ	GHS - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]
МАМ	GHS - New Zealand	Specific target organ toxicity - repeated exposure category 1
МАМ	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
SKI	GHS - Japan	H317 - May cause an allergic skin reaction [Skin sensitizer - Category 1]
CAN	EU - Annex VI CMRs	Carcinogen Category 2 - Suspected human Carcinogen
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
SKI	GHS - New Zealand	Skin sensitisation category 1
МАМ	GHS - New Zealand	Acute inhalation toxicity category 2
EYE	GHS - Korea	H319 - Causes serious eye irritation [Serious eye damage/irritation - Category 2]
SKI	GHS - Korea	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
МАМ	Québec CSST - WHMIS 1988	Class D1A - Very toxic material causing immediate and serious toxic effects
SKI	GHS - Korea	H317 - May cause an allergic skin reaction [Skin sensitization - Category 1]
МАМ	GHS - Japan	H330 - Fatal if inhaled [Acute toxicity (inhalation: gas) - Category 2]
МАМ	GHS - Australia	H330 - Fatal if inhaled [Acute toxicity (inhalation) - Category 1 or 2]
МАМ	GHS - Japan	H330 - Fatal if inhaled [Acute toxicity (inhalation: dust, mist) - Category 2]

CAN	GHS - Australia	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
МАМ	GHS - Korea	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)	C2C Certified v4 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022
		Formulated Consumer Products
RESTRICTED LIST	Perkins+Will (P+W)	P&W - Precautionary List
		Precautionary list of substances recommended for avoidance

SUBSTANCE NOTES:

### CARBONIC ACID MONOSODIUM SALT

ID: 144-55-8

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SO	CREENING DATE:	2022-09-28 13:18:56	
%: 0.1320 - 0.1320	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Blowing agent	
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
END	TEDX - Potential Endocrine Disr	TEDX - Potential Endocrine Disruptors		Potential Endocrine Disruptor	
	EC - CEPA DSL		Persistent		
ADDITIONAL LISTINGS	AGENCY		NOTIFICATION		
POSITIVE LIST	US Environmental Protection Ag	jency (US	US EPA - DfE SCIL		
	<u> </u>		Green Circle - Ve	erified Low Concern	

SUBSTANCE NOTES:

### DIAZENE-1,2-DICARBOXAMIDE (C,C'-AZODI(FORMAMIDE))

ID: 123-77-3

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SO	CREENING DATE:	2022-09-28 13:18:56
%: 0.0960 - 0.0960	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Blowing agent
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
РНҮ	GHS - New Zealand		Flammable solids category 1	
SKI	GHS - Japan		H317 - May cause an allergic skin reaction [Skin sensitizer - Category 1]	
РНҮ	GHS - Japan	GHS - Japan		ummable liquid and vapour [Flammable y 1]
RES	EU - SVHC Authorisation List	EU - SVHC Authorisation List		ern - Candidate List: Respiratory
RES	EU - SVHC Authorisation List		Equivalent Concern - Prioritization List: Respiratory sensitizing	

ADDITIONAL LISTINGS

AGENCY

NOTIFICATION

None found

SUBSTANCE NOTES:

# CARBON BLACK

ID: 1333-86-4

CARBON BLACK					ID: 1333-86-	
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SO	CREENING DATE:	2022-09-28 13:18:57		
%: 0.0880 - 0.0880	GreenScreen: BM-1	RC: None	NANO: No	SUBSTANCE RC	LE: Pigment	
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS			
CAN	US CDC - Occupational Carcino	gens	Occupational Ca	arcinogen		
CAN	МАК			up 3B - Evidence of ca t for classification	arcinogenic effects	
CAN	CA EPA - Prop 65		Carcinogen - sp route	ecific to chemical forr	n or exposure	
CAN	IARC		Group 2B - Poss from occupatior	sibly carcinogenic to h nal sources	umans - inhaled	
EYE	GHS - New Zealand		Eye irritation cat	egory 2		
	EC - CEPA DSL		Persistent			
CAN	GHS - New Zealand	GHS - New Zealand		Carcinogenicity category 2		
CAN	GHS - Japan		H351 - Suspecte Category 2]	ed of causing cancer [	Carcinogenicity -	
МАМ	GHS - Japan		repeated exposit	lamage to organs thro ure [Specific target or g repeated exposure -	gans/systemic	
ADDITIONAL LISTINGS	AGENCY		NOTIFICATION			
None found			No	listings found on Add	itional Hazard Lists	
SUBSTANCE NOTES:						
WHITE MINERAL OIL (PET	TROLEUM)				ID: 8042-47	
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SO	CREENING DATE:	2022-09-28 13:18:58		
%: 0.0630 - 0.0630	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE:	Viscosity modifier	

%: 0.0630 - 0.0630	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Viscosity modifier
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
	EC - CEPA DSL		Persistent	
ADDITIONAL LISTINGS	AGENCY		NOTIFICATION	J
POSITIVE LIST	US Environmental Protection Age EPA)	ncy (US	US EPA - DfE S	SCIL
	_, , , y		Green Circle -	Verified Low Concern

	Pharos Chemical and Materials Library	HAZARD SC		2022-09-28 13:18:58		
%: <b>0.0300 - 0.0380</b>	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Viscosity modifier		
0. 0.0300 - 0.0360	Greenscreen. LT-FT	nc. None	NANO. NO	SUBSTANCE ROLE. VISCOSILY MOUNTER		
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS			
SKI	МАК		Sensitizing Subs	stance Sh - Danger of skin sensitization		
MUL	German FEA - Substances Haza Waters	ardous to	Class 2 - Hazard	to Waters		
SKI	EU - GHS (H-Statements) Annex	6 Table 3-1	H315 - Causes s Category 2]	kin irritation [Skin corrosion/irritation -		
EYE	EU - GHS (H-Statements) Annex	ex 6 Table 3-1 H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]				
SKI	GHS - New Zealand		Skin irritation ca	tegory 2		
EYE	GHS - New Zealand		Eye irritation cat	egory 2		
SKI	GHS - Australia		H315 - Causes s Category 2]	kin irritation [Skin corrosion/irritation -		
EYE	GHS - Australia			erious eye irritation [Serious eye ation - Category 2A]		
SKI	GHS - Japan		H317 - May caus sensitizer - Cate	se an allergic skin reaction [Skin gory 1]		
SKI	GHS - New Zealand	GHS - New Zealand		Skin sensitisation category 1		
AQU	GHS - Japan		-	c to aquatic life [Hazardous to the nent (acute) - Category 1]		
AQU	GHS - Japan		-	c to aquatic life with long lasting effects ne aquatic environment (chronic) -		
ADDITIONAL LISTINGS	AGENCY		NOTIFICATION			
None found			No	listings found on Additional Hazard List		
SUBSTANCE NOTES:						
	YDROXYMETHYL)-2-[[(1- OXO-2- ]-1,3-PROPANEDIYL ESTER			ID: <b>3524-6</b> 8		
		HAZARD SC	REENING DATE:	2022-09-28 13:18:59		
	Pharos Chemical and Materials Library	IIAZAIID 00				

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
SKI	МАК	Sensitizing Substance Sh - Danger of skin sensitization
SKI	EU - GHS (H-Statements) Annex	6 Table 3-1 H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
EYE	EU - GHS (H-Statements) Annex	6 Table 3-1 H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
SKI	GHS - New Zealand	Skin irritation category 2
SKI	GHS - Australia	H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]
EYE	GHS - Australia	H319 - Causes serious eye irritation [Serious eye damage/eye irritation - Category 2A]
EYE	GHS - New Zealand	Serious eye damage category 1
EYE	GHS - Japan	H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]
SKI	GHS - Japan	H317 - May cause an allergic skin reaction [Skin sensitizer - Category 1]
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
SKI	GHS - New Zealand	Skin sensitisation category 1
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 2
REP	GHS - Japan	H361 - Suspected of damaging fertility or the unborn child [Toxic to reproduction - Category 2]
MAM	GHS - New Zealand	Acute dermal toxicity category 2
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES:		
	9, 3,5-BIS(1,1-DIMETHYLETHYL)-4- BIS(1,1-DIMETHYLETHYL) -4- PROPOXY]METHYL ]-1,3-	ID: 6683-19-8
AZARD DATA SOURCE: PI	haros Chemical and Materials Library	HAZARD SCREENING DATE: 2022-09-28 13:18:59
%: <b>0.0240 - 0.0240</b>	GreenScreen: LT-UNK	RC: None NANO: No SUBSTANCE ROLE: Oxidizing agent
HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
	EC - CEPA DSL	Persistent
ADDITIONAL LISTINGS	AGENCY	NOTIFICATION
POSITIVE LIST	US Environmental Protection Age EPA)	ency (US US EPA - DfE SCIL Green Circle - Verified Low Concern

AZAND DATA COUNCE.	Pharos Chemical and Materials Library	HAZARD SC	CREENING DATE:	2022-09-28 13:19:00
%: 0.0080 - 0.0230	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Matting agent
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
	EC - CEPA DSL		Persistent	
ADDITIONAL LISTINGS	AGENCY		NOTIFICATION	
None found			No	listings found on Additional Hazard Lists
SUBSTANCE NOTES:				
I-BUTENE, HOMOPOLYN	ЛЕR			ID: 9003-28-
HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SC	REENING DATE:	2022-09-28 13:19:01
%: 0.0190 - 0.0190	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Polymer species
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
	EC - CEPA DSL		Persistent	
ADDITIONAL LISTINGS	AGENCY		NOTIFICATION	
None found			No	listings found on Additional Hazard Lists
SUBSTANCE NOTES:				
				ID: 1244-29
ALUMINUM OXIDE	Pharos Chemical and Materials Library	HAZARD SC	BEENING DATE	ID: <b>1344-28</b>
ALUMINUM OXIDE HAZARD DATA SOURCE:	Pharos Chemical and Materials Library GreenScreen: BM-2	HAZARD SC RC: None		
ALUMINUM OXIDE HAZARD DATA SOURCE:	-			2022-09-28 13:19:01
ALUMINUM OXIDE HAZARD DATA SOURCE: %: 0.0080 - 0.0150	GreenScreen: BM-2		NANO: No	2022-09-28 13:19:01
ALUMINUM OXIDE HAZARD DATA SOURCE: %: 0.0080 - 0.0150	GreenScreen: BM-2 AGENCY AND LIST TITLES		NANO: No S WARNINGS Persistent H372 - Causes of repeated exposed	2022-09-28 13:19:01
ALUMINUM OXIDE HAZARD DATA SOURCE: %: 0.0080 - 0.0150 HAZARD TYPE	GreenScreen: <b>BM-2</b> AGENCY AND LIST TITLES EC - CEPA DSL		NANO: No S WARNINGS Persistent H372 - Causes of repeated exposed	2022-09-28 13:19:01 SUBSTANCE ROLE: Abrasion resistance damage to organs through prolonged or ure [Specific target organs/systemic
ALUMINUM OXIDE HAZARD DATA SOURCE: %: 0.0080 - 0.0150 HAZARD TYPE MAM	GreenScreen: <b>BM-2</b> AGENCY AND LIST TITLES EC - CEPA DSL GHS - Japan	RC: None	NANO: No S WARNINGS Persistent H372 - Causes of repeated expose toxicity following NOTIFICATION C2C Certified v4	2022-09-28 13:19:01 SUBSTANCE ROLE: Abrasion resistanc damage to organs through prolonged or ure [Specific target organs/systemic
ALUMINUM OXIDE HAZARD DATA SOURCE: %: 0.0080 - 0.0150 HAZARD TYPE MAM	GreenScreen: <b>BM-2</b> AGENCY AND LIST TITLES EC - CEPA DSL GHS - Japan AGENCY Cradle to Cradle Products Innov	RC: None	NANO: No S WARNINGS Persistent H372 - Causes of repeated expose toxicity following NOTIFICATION C2C Certified v4 Substances List	2022-09-28 13:19:01 SUBSTANCE ROLE: Abrasion resistanc damage to organs through prolonged or ure [Specific target organs/systemic g repeated exposure - Category 1]
ALUMINUM OXIDE HAZARD DATA SOURCE: %: 0.0080 - 0.0150 HAZARD TYPE MAM	GreenScreen: <b>BM-2</b> AGENCY AND LIST TITLES EC - CEPA DSL GHS - Japan AGENCY Cradle to Cradle Products Innov	RC: None	NANO: No S WARNINGS Persistent H372 - Causes of repeated expose toxicity following NOTIFICATION C2C Certified v4 Substances List Biological and E	2022-09-28 13:19:01 SUBSTANCE ROLE: Abrasion resistance damage to organs through prolonged or ure [Specific target organs/systemic g repeated exposure - Category 1] Product Standard Restricted (RSL) - Effective July 1, 2022

ID: 2627-95-4

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SO	CREENING DATE:	2022-09-28 13:19:02
%: 0.0080 - 0.0150	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Lubricant
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
	EC - CEPA DSL		Bioaccumulative	
ADDITIONAL LISTINGS	AGENCY		NOTIFICATION	
None found			No li	istings found on Additional Hazard Lists

SUBSTANCE NOTES:

### BENZOPHENONE-3; OXYBENZONE

ID: 131-57-7

HAZARD DATA SOURCE:	Pharos Chemical and Materials Library	HAZARD SO	CREENING DATE:	2022-09-28 13:19:03	
%: 0.0000 - 0.0110	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Stabilizer	
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
END	TEDX - Potential Endocrine Dist	uptors	Potential Endocri	ne Disruptor	
END	ChemSec - SIN List		Endocrine Disrup	tion	
MUL	German FEA - Substances Haza Waters	FEA - Substances Hazardous to		Class 2 - Hazard to Waters	
END	EU - Priority Endocrine Disrupto	prs	Category 2 - In vi related to Endocr	tro evidence of biological activity ine Disruption	
	EC - CEPA DSL		Persistent		
SKI	GHS - Japan	GHS - Japan		H317 - May cause an allergic skin reaction [Skin sensitizer - Category 1]	
AQU	GHS - Japan	GHS - Japan		H400 - Very toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 1]	
AQU	GHS - Japan	GHS - Japan		to aquatic life with long lasting effects aquatic environment (chronic) -	
ADDITIONAL LISTINGS	AGENCY		NOTIFICATION		
None found			No li	stings found on Additional Hazard Lists	

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	RFCI FloorScore	
CERTIFYING PARTY: Third Party	ISSUE DATE: 2021-12-01	CERTIFIER OR LAB: SCS Global
APPLICABLE FACILITIES: All	EXPIRY DATE: 2022-11-30	Services
CERTIFICATE URL:		
https://www.scsglobalservices.com/certified-		
clients/certificates/17440		

CERTIFICATION AND COMPLIANCE NOTES: Certificate #SCS-FS-03808

# 😑 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

To preserve manufacturer's full warranty, please refer and adhere to the information contained in the Installation Manual for this product.

### MANUFACTURER INFORMATION

MANUFACTURER: Aspecta N.A. ADDRESS: 15 Oakwood Avenue Norwalk CT 06850, United States of America WEBSITE: https://www.elementalbyaspecta.com CONTACT NAME: Arthur Clarke TITLE: Director of Sustainability & Impact PHONE: (203) 561-9722 EMAIL: ac@hmtx.global

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 CAN Cancer DEV Developmental toxicity END Endocrine activity EYE Eye irritation/corrosivity GEN Gene mutation GLO Global warming LAN Land toxicity MAM Mammalian/systemic/organ toxicity MUL Multiple NEU Neurotoxicity NF Not found on Priority Hazard Lists OZO Ozone depletion PBT Persistent, bioaccumulative, and toxic PHY Physical hazard (flammable or reactive) REP Reproductive RES Respiratory sensitization SKI Skin sensitization/irritation/corrosivity UNK Unknown

LT-P1 List Translator Possible 1 (Possible Benchmark-1) LT-1 List Translator 1 (Likely Benchmark-1) LT-UNK List Translator Benchmark Unknown NoGS No GreenScreen.

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)
BM-3 Benchmark 3 (use but still opportunity for improvement)
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)

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 HPD and for compliance with the HPD standard noted.