

CLASSIFICATION: 10 22 26

PRODUCT DESCRIPTION: THIS HPD COVERS MODERCO'S 700 SERIES. THE 700 SERIES IS A LINE OF TECHNOLOGICALLY ADVANCED OPERABLE WALLS AVAILABLE IN SINGLE, PAIRED AND ELECTRIC PANELS EQUIPPED WITH AN ALUMINUM TRACK SYSTEM. BUILT WITH A WELDED STEEL FRAME COMPATIBLE WITH MULTIPLE TYPES OF FINISHES. AVAILABLE WITH A WIDE ARRAY OF PASS DOOR FEATURES, AND CUSTOM BUILT POCKET DOORS. THE FOLLOWING INFORMATION IS BASED ON THE MOST POPULAR VERSION OF THE 700 SERIES LINE OF PRODUCTS. THE LIST OF COMPONENTS WAS ESTABLISHED ACCORDING TO THE MODEL 742 WITH A STC OF 50 AND A STANDARD VINYL FINISH. NUMEROUS MODELS, STC'S, FINISHES AND OPTIONS ARE AVAILABLE WITHIN THE SAME PRODUCT LINE.

Section 1: Summary

CONTENT INVENTORY

Threshold per material	Residuals and impurities considered in	Based on the selected Content Inventory Threshold:	
<input type="radio"/> 100 ppm	7 of 12 materials	Characterized.....	<input checked="" type="radio"/> Yes <input type="radio"/> No
<input checked="" type="radio"/> 1,000 ppm	<input checked="" type="radio"/> see Section 2:	Are the Percent Weight and Role provided for all substances?	
<input type="radio"/> Per GHS SDS	Material Notes	Screened.....	<input checked="" type="radio"/> Yes <input type="radio"/> No
<input type="radio"/> Per OSHA MSDS	<input checked="" type="radio"/> see Section 5:	Are all substances screened using Priority Hazard Lists with results disclosed?	
<input checked="" type="radio"/> Other	General Notes	Identified.....	<input checked="" type="radio"/> Yes <input type="radio"/> No
		Are all substances disclosed by Name (Specific or Generic) and Identifier?	

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

FACE SUBSTRATE [GYPSUM **LT-UNK** CELLULOSE, MICROCRYSTALLINE **UNK** SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS) **LT-UNK** | CAN] SATIN COAT STEEL PARTS #1 [STEEL **UNK** IRON-ZINC COMPOUNDS **UNK**] ANODIZED ALUMINUM PARTS #2 [6063 ALUMINUM **UNK** | RES | END | PHY ALUMINUM OXIDE **LT-UNK** | RES LEAD **LT-1** | MAM | AQU | DEV | REP | CAN | PBT | MUL | END | GEN CADMIUM **LT-1** | MAM | CAN | AQU | REP | DEV | PBT | GEN | MUL | PHY] PAINTED ALUMINUM PARTS [6063 ALUMINUM **UNK** | RES | END | PHY LEAD **LT-1** | MAM | AQU | DEV | REP | CAN | PBT | MUL | END | GEN CADMIUM **LT-1** | MAM | CAN | AQU | REP | DEV | PBT | GEN | MUL | PHY POLYESTER **UNK** TITANIUM DIOXIDE **LT-1** | CAN MICA **LT-UNK** RUTILE TITANIUM DIOXIDE **LT-1** | CAN C.I. PIGMENT BLUE 36 **LT-UNK** CARBON BLACK **LT-1** | CAN] VINYL-BASED WALLCOVERING [POLYVINYL CHLORIDE (PVC) **LT-UNK** | RES POLYESTER **UNK** COTTON **UNK** VINYL CHLORIDE (VCM) **LT-1** | CAN | MUL | PHY] UNTREATED STEEL PARTS #1 [STEEL **UNK**] VINYL-BASED COMPOUNDS #1 [POLYVINYL CHLORIDE (PVC) **LT-UNK** | RES CARBON BLACK **LT-1** | CAN VINYL CHLORIDE (VCM) **LT-1** | CAN | MUL | PHY] ADHESIVE [POLYURETHANE **LT-UNK** ISOCYANATES **UNK** METHYLENE BISPHENYL DIISOCYANATE (PURE MDI) **LT-UNK** | MAM | EYE | SKI | CAN | RES | MUL] HOT MELT ADHESIVE [1-BUTENE, POLYMER WITH ETHENE AND 1-PROPENE **LT-UNK** BUTENE, POLYMER WITH 2-METHYL-1-PROPENE **LT-UNK** A MIXTURE OF: CIS-1,4-DIMETHYLCYCLOHEXYL DIBENZOATE **LT-UNK** WHITE MINERAL OIL **LT-UNK**] GALVANIZED STEEL PARTS #1 [STEEL **UNK** IRON-ZINC COMPOUNDS **UNK**] END CAPS [POLYPROPYLENE **LT-UNK** THERMOPLASTIC ELASTOMER **UNK**] VINYL-BASED COMPOUNDS #3 [POLYVINYL CHLORIDE (PVC) **LT-UNK** | RES LIMESTONE; CALCIUM CARBONATE **LT-UNK** TITANIUM DIOXIDE **LT-1** | CAN CALCIUM STEARATE **LT-UNK** BARIUM ZINC COMPLEX **UNK** DI(2-ETHYLHEXYL)PHTHALATE (DEHP) **LT-1** | REP | DEV | CAN | END | MUL VINYL CHLORIDE (VCM) **LT-1** | CAN | MUL | PHY]

Number of Greenscreen BM-4/BM3 contents..... 0
Contents highest concern GreenScreen Benchmark or List translator Score..... LT-1
Nanomaterial..... No

INVENTORY AND SCREENING NOTES:

Moderco's products have been screened at a 1,000 ppm level so that all intentional materials and potential residuals that could have existed in raw materials, at that level, have been disclosed.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE

No certifications have been added to this HPD.

<input checked="" type="radio"/> Self-Published*	VERIFIER:	SCREENING DATE: December 20, 2016	EXPIRY DATE*: January 11, 2020
<input type="radio"/> Third Party Verified	VERIFICATION #:	RELEASE DATE: January 11, 2017	* or within 3 months of significant change in product contents
*See HPDC website for details			



Section 2: Content in Descending Order of Quantity

This section lists materials in a product and the substances in each material based on the Inventory Threshold for each material. If residuals or impurities from the manufacturing or extraction processes are considered for a material, these are inventoried and characterized to the extent described in the Material and/or General Notes. Chemical substances are screened against the HPD Priority Hazard Lists for human and environmental health impacts. Screening is based on best available information; "Not Found" does not necessarily mean there is no potential hazard associated with the product or its contents. More information about Priority Hazard Lists and the GreenScreen can be found online: www.hpd-collaborative.org and www.greenscreenchemicals.org.

FACE SUBSTRATE

%: 43.0000 - 49.0600 HPD URL:

Inventory Threshold: 1000 ppm Residuals Considered: No

Material Notes: Square edges are made of gypsum.

GYPSUM

ID: 13397-24-5

%: 85.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Main material

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Other CAS# option 10101-41-4.

CELLULOSE, MICROCRYSTALLINE

ID: 9004-34-6

%: 5.0000 - 10.0000

GS: UNK

RC: None

NANO: NO

ROLE: Gypsum:
ingredient #2

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Material notes.

SOLID GLASS AND GLASS / MINERAL FIBER (SEE VARIANTS)

ID: 65997-17-3

%: 0.0000 - 5.0000

GS: LT-UNK

RC: UNK

NANO: NO

ROLE: Gypsum:
ingredient #3

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER

EU - R-phrases

R40 - Limited Evidence of Carcinogenic Effects

CANCER

EU - GHS (H-Statements)

H351 - Suspected of causing cancer

SUBSTANCE NOTES: Continuous filament glass fibers.

SATIN COAT STEEL PARTS #1

%: 34.6100 - 40.8700

HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: Yes

Material Notes: The following components are satin steel parts: sheets of variable gauges (#20, #22, #24), drop seal, horizontal and vertical channels.

STEEL

ID: 12597-69-2

%: 100.0000 GS: UNK RC: Both NANO: NO ROLE: Main material

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: This raw material contains 22% of pre-consumer recycled content and 31% post-consumer recycled content.

IRON-ZINC COMPOUNDS

ID:

%: Impurity/Residual GS: UNK RC: None NANO: NO ROLE: Impurity/Residual

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Protective layer obtained through galvanizing.

ANODIZED ALUMINUM PARTS #2

%: 3.6000 - 4.1000

HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: Yes

Material Notes: The following component is a 6063 aluminum alloy extrusion: track. Manufacturer's claim: our ingot raw material suppliers, contain lead (Pb), and cadmium (Cd) only as impurities in the metal at levels less than 10 ppm.

6063 ALUMINUM

ID: 7429-90-5

%: 100.0000 GS: UNK RC: None NANO: NO ROLE: Main material

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

Asthmagen (ARs) - sensitizer-induced - inhalable forms only

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H228 - Flammable solid

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H250 - Catches fire spontaneously if exposed to air

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H261 - In contact with water releases flammable gases

SUBSTANCE NOTES: This raw material contains 10% post-consumer recycled content and 3% pre-consumer recycled content.

ALUMINUM OXIDE

ID: 1344-28-1

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY	AOEC - Asthmagens	Asthmagen (ARs) - sensitizer-induced - inhalable forms only
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SUBSTANCE NOTES: Protective layer obtained through anodization.

LEAD

ID: 7439-92-1

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MAMMALIAN	EU - R-phrases	R20 - Harmful by Inhalation (gas or vapor or dust/mist)
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MAMMALIAN	EU - R-phrases	R22 - Harmful if Swallowed
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ACUTE AQUATIC	EU - R-phrases	R50 - Very Toxic to Aquatic Organisms
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DEVELOPMENTAL	EU - R-phrases	R61 - May cause harm to the unborn child
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REPRODUCTIVE	EU - R-phrases	R62 - Possible risk of impaired fertility
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DEVELOPMENTAL	G&L - Neurotoxic Chemicals	Developmental Neurotoxicant
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CANCER	US EPA - IRIS Carcinogens	(1986) Group B2 - Probable human Carcinogen
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CANCER	IARC	Group 2a - Agent is probably Carcinogenic to humans
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CANCER	IARC	Group 2b - Possibly carcinogenic to humans
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CANCER	CA EPA - Prop 65	Carcinogen
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DEVELOPMENTAL	CA EPA - Prop 65	Developmental toxicity
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PBT	US EPA - Priority PBTs (NWMP)	Priority PBT
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PBT	WA DoE - PBT	PBT
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CANCER	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen
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PBT	US EPA - Priority PBTs (PPT)	Priority PBT
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PBT	US EPA - Toxics Release Inventory PBTs	PBT
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PBT	OSPAR - Priority PBTs & EDs & equivalent concern	PBT - Chemical for Priority Action
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PBT	OR DEQ - Priority Persistent Pollutants	Priority Persistent Pollutant - Tier 1
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DEVELOPMENTAL	US NIH - Reproductive & Developmental Monographs	Clear Evidence of Adverse Effects - Developmental Toxicity
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REPRODUCTIVE	US NIH - Reproductive & Developmental Monographs	Clear Evidence of Adverse Effects - Reproductive Toxicity
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
DEVELOPMENTAL	EU - GHS (H-Statements)	H360Df - May damage the unborn child. Suspected of damaging fertility
REPRODUCTIVE	EU - GHS (H-Statements)	H360Fd - May damage fertility. Suspected of damaging the unborn child
DEVELOPMENTAL	EU - GHS (H-Statements)	H362 - May cause harm to breast-fed children
REPRODUCTIVE	EU - REACH Annex XVII CMRs	Toxic to Reproduction Category 1 - Substances known to 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
CANCER	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
GENE MUTATION	MAK	Germ Cell Mutagen 3a
REPRODUCTIVE	EU - Annex VI CMRs	Reproductive Toxicity - Category 1A
REPRODUCTIVE	CA EPA - Prop 65	Reproductive Toxicity - Female
REPRODUCTIVE	CA EPA - Prop 65	Reproductive Toxicity - Male

SUBSTANCE NOTES: See Material notes.

CADMIUM

ID: 7440-43-9

%: Impurity/Residual GS: LT-1 RC: None NANO: NO ROLE: Impurity/Residual

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MAMMALIAN	EU - R-phrases	R23 - Toxic by Inhalation (gas, vapour, dust/mist)
MAMMALIAN	EU - R-phrases	R25 - Toxic if Swallowed
MAMMALIAN	EU - R-phrases	R26 - Very Toxic by Inhalation
CANCER	EU - R-phrases	R45 - May cause cancer
ORGAN TOXICANT	EU - R-phrases	R48: Danger of serious damage to health by prolonged exposure.
ACUTE AQUATIC	EU - R-phrases	R50 - Very Toxic to Aquatic Organisms
REPRODUCTIVE	EU - R-phrases	R62 - Possible risk of impaired fertility

DEVELOPMENTAL	EU - R-phrases	R63 - Possible risk of harm to the unborn child
CANCER	US EPA - IRIS Carcinogens	(1986) Group B1 - Probable human Carcinogen
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
DEVELOPMENTAL	CA EPA - Prop 65	Developmental toxicity
PBT	US EPA - Priority PBTs (NWMP)	Priority PBT
PBT	WA DoE - PBT	PBT
GENE MUTATION	EU - R-phrases	R68 - May cause irreversible effects
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	US NIH - Report on Carcinogens	Known to be a human Carcinogen
CANCER	EU - SVHC Authorisation List	Carcinogenic - Candidate list
PBT	OSPAR - Priority PBTs & EDs & equivalent concern	PBT - Chemical for Priority Action
PBT	OR DEQ - Priority Persistent Pollutants	Priority Persistent Pollutant - Tier 1
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
MAMMALIAN	EU - GHS (H-Statements)	H330 - Fatal if inhaled
GENE MUTATION	EU - GHS (H-Statements)	H341 - Suspected of causing genetic defects
CANCER	EU - GHS (H-Statements)	H350 - May cause cancer
REPRODUCTIVE	EU - GHS (H-Statements)	H361fd - Suspected of damaging fertility. Suspected of damaging the unborn child
ORGAN TOXICANT	EU - GHS (H-Statements)	H372 - Causes damage to organs through prolonged or repeated exposure
CANCER	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
GENE MUTATION	MAK	Germ Cell Mutagen 3a

REPRODUCTIVE	CA EPA - Prop 65	Reproductive Toxicity - Male
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air
SUBSTANCE NOTES: See Material notes.		

PAINTED ALUMINUM PARTS

%: 3.2200 - 5.0900

HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: Yes

Material Notes: Painted aluminum parts include astragals and clips. Manufacturer's claim for aluminum: our ingot raw material suppliers, contain lead (Pb), and cadmium (Cd) only as impurities in the metal at levels less than 10 ppm.

6063 ALUMINUM

ID: 7429-90-5

%: 100.0000	GS: UNK	RC: Both	NANO: NO	ROLE: Main material
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY	AOEC - Asthmagens	Asthmagen (ARs) - sensitizer-induced - inhalable forms only
ENDOCRINE	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H228 - Flammable solid
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H261 - In contact with water releases flammable gases

SUBSTANCE NOTES: This raw material contains 10% post-consumer recycled content and 3% pre-consumer recycled content.

LEAD

ID: 7439-92-1

%: Impurity/Residual	GS: LT-1	RC: None	NANO: NO	ROLE: Impurity/Residual
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

MAMMALIAN	EU - R-phrases	R20 - Harmful by Inhalation (gas or vapor or dust/mist)
MAMMALIAN	EU - R-phrases	R22 - Harmful if Swallowed
ACUTE AQUATIC	EU - R-phrases	R50 - Very Toxic to Aquatic Organisms
DEVELOPMENTAL	EU - R-phrases	R61 - May cause harm to the unborn child
REPRODUCTIVE	EU - R-phrases	R62 - Possible risk of impaired fertility
DEVELOPMENTAL	G&L - Neurotoxic Chemicals	Developmental Neurotoxicant
CANCER	US EPA - IRIS Carcinogens	(1986) Group B2 - Probable human Carcinogen

CANCER	IARC	Group 2a - Agent is probably Carcinogenic to humans
CANCER	IARC	Group 2b - Possibly carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
DEVELOPMENTAL	CA EPA - Prop 65	Developmental toxicity
PBT	US EPA - Priority PBTs (NWMP)	Priority PBT
PBT	WA DoE - PBT	PBT
CANCER	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen
PBT	US EPA - Priority PBTs (PPT)	Priority PBT
PBT	US EPA - Toxics Release Inventory PBTs	PBT
PBT	OSPAR - Priority PBTs & EDs & equivalent concern	PBT - Chemical for Priority Action
PBT	OR DEQ - Priority Persistent Pollutants	Priority Persistent Pollutant - Tier 1
DEVELOPMENTAL	US NIH - Reproductive & Developmental Monographs	Clear Evidence of Adverse Effects - Developmental Toxicity
REPRODUCTIVE	US NIH - Reproductive & Developmental Monographs	Clear Evidence of Adverse Effects - Reproductive Toxicity
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
DEVELOPMENTAL	EU - GHS (H-Statements)	H360Df - May damage the unborn child. Suspected of damaging fertility
REPRODUCTIVE	EU - GHS (H-Statements)	H360Fd - May damage fertility. Suspected of damaging the unborn child
DEVELOPMENTAL	EU - GHS (H-Statements)	H362 - May cause harm to breast-fed children
REPRODUCTIVE	EU - REACH Annex XVII CMRs	Toxic to Reproduction Category 1 - Substances known to 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
CANCER	MAK	Carcinogen Group 2 - Considered to be carcinogenic for man
GENE MUTATION	MAK	Germ Cell Mutagen 3a
REPRODUCTIVE	EU - Annex VI CMRs	Reproductive Toxicity - Category 1A
REPRODUCTIVE	CA EPA - Prop 65	Reproductive Toxicity - Female
REPRODUCTIVE	CA EPA - Prop 65	Reproductive Toxicity - Male

CADMIUM

ID: 7440-43-9

%: Impurity/Residual	GS: LT-1	RC: None	NANO: NO	ROLE: Impurity/Residual
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HAZARDS:**AGENCY(IES) WITH WARNINGS:**

MAMMALIAN	EU - R-phrases	R23 - Toxic by Inhalation (gas, vapour, dust/mist)
MAMMALIAN	EU - R-phrases	R25 - Toxic if Swallowed
MAMMALIAN	EU - R-phrases	R26 - Very Toxic by Inhalation
CANCER	EU - R-phrases	R45 - May cause cancer
ORGAN TOXICANT	EU - R-phrases	R48: Danger of serious damage to health by prolonged exposure.
ACUTE AQUATIC	EU - R-phrases	R50 - Very Toxic to Aquatic Organisms
REPRODUCTIVE	EU - R-phrases	R62 - Possible risk of impaired fertility
DEVELOPMENTAL	EU - R-phrases	R63 - Possible risk of harm to the unborn child
CANCER	US EPA - IRIS Carcinogens	(1986) Group B1 - Probable human Carcinogen
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
DEVELOPMENTAL	CA EPA - Prop 65	Developmental toxicity
PBT	US EPA - Priority PBTs (NWMP)	Priority PBT
PBT	WA DoE - PBT	PBT
GENE MUTATION	EU - R-phrases	R68 - May cause irreversible effects
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	US NIH - Report on Carcinogens	Known to be a human Carcinogen
CANCER	EU - SVHC Authorisation List	Carcinogenic - Candidate list
PBT	OSPAR - Priority PBTs & EDs & equivalent concern	PBT - Chemical for Priority Action
PBT	OR DEQ - Priority Persistent Pollutants	Priority Persistent Pollutant - Tier 1
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
MAMMALIAN	EU - GHS (H-Statements)	H330 - Fatal if inhaled

GENE MUTATION	EU - GHS (H-Statements)	H341 - Suspected of causing genetic defects
CANCER	EU - GHS (H-Statements)	H350 - May cause cancer
REPRODUCTIVE	EU - GHS (H-Statements)	H361fd - Suspected of damaging fertility. Suspected of damaging the unborn child
ORGAN TOXICANT	EU - GHS (H-Statements)	H372 - Causes damage to organs through prolonged or repeated exposure
CANCER	EU - REACH Annex XVII CMRs	Carcinogen Category 2 - Substances which should be regarded as if they are Carcinogenic to man
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man
CANCER	EU - Annex VI CMRs	Carcinogen Category 1B - Presumed Carcinogen based on animal evidence
GENE MUTATION	MAK	Germ Cell Mutagen 3a
REPRODUCTIVE	CA EPA - Prop 65	Reproductive Toxicity - Male
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H250 - Catches fire spontaneously if exposed to air

SUBSTANCE NOTES: See Material notes

POLYESTER

ID: 113669-95-7

%: Impurity/Residual GS: UNK RC: None NANO: NO ROLE: Impurity/Residual

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Polyester-based powder coat; main ingredient.

TITANIUM DIOXIDE

ID: 13463-67-7

%: Impurity/Residual GS: LT-1 RC: None NANO: NO ROLE: Impurity/Residual

HAZARDS:

AGENCY(IES) WITH 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
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CANCER	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
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SUBSTANCE NOTES: Polyester-based powder coat; pigment #1.

MICA ID: 12001-26-2

%: Impurity/Residual	GS: LT-UNK	RC: None	NANO: NO	ROLE: Impurity/Residual
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES: Polyester-based powder coat; pigment #2.

RUTILE TITANIUM DIOXIDE ID: 1317-80-2

%: Impurity/Residual	GS: LT-1	RC: None	NANO: NO	ROLE: Impurity/Residual
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HAZARDS:	AGENCY(IES) WITH 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 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

SUBSTANCE NOTES: Polyester-based powder coat; pigment #3.

C.I. PIGMENT BLUE 36 ID: 68187-11-1

%: Impurity/Residual	GS: LT-UNK	RC: None	NANO: NO	ROLE: Impurity/Residual
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority lists

SUBSTANCE NOTES: Polyester-based powder coat; pigment #4. Cobalt chromite blue green spinel.

%: Impurity/Residual	GS: LT-1	RC: None	NANO: NO	ROLE: Impurity/Residual
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HAZARDS:**AGENCY(IES) WITH 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: Polyester-based powder coat; pigment #5.

VINYL-BASED WALLCOVERING

%: 2.9900 - 3.4100

HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: Yes

Material Notes: Multiple options are available for wallcoverings. The information is given as an average composition for this material.

POLYVINYL CHLORIDE (PVC)

ID: 9002-86-2

%: 87.1000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Face material + Adhesive
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HAZARDS:**AGENCY(IES) WITH WARNINGS:**

RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
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SUBSTANCE NOTES: The upper film is made of PVC. According to the manufacturer, the laminating adhesive used to bond the vinyl film to the woven backing is similar in construction to PVC CAS#9002-86-2; thus it has been decided to use PVC as an approximation for it. The weight ratio of this two components in the final product is: vinyl film: 78.6% by weight of wallcovering; Laminating adhesive: 8.5% by weight of wallcovering.

POLYESTER

ID: 113669-95-7

%: 7.9000	GS: UNK	RC: None	NANO: NO	ROLE: Woven backing
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HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found	No warnings found on HPD Priority lists
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SUBSTANCE NOTES: Fiber material #2.

COTTON

ID:

%: 5.0000	GS: UNK	RC: None	NANO: NO	ROLE: Woven backing
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HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Fiber material #1.

VINYL CHLORIDE (VCM)

ID: 75-01-4

%: Impurity/Residual

GS: LT-1

RC: None

NANO: NO

ROLE: Impurity/Residual

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

CANCER

EU - R-phrases

R45 - May cause cancer

CANCER

US EPA - IRIS Carcinogens

(1996) Known/likely human Carcinogen

CANCER

US EPA - IRIS Carcinogens

(1986) Group A - Human Carcinogen

CANCER

IARC

Group 1 - Agent is Carcinogenic to humans

CANCER

CA EPA - Prop 65

Carcinogen

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER

US NIH - Report on Carcinogens

Known to be a human Carcinogen

CANCER

EU - GHS (H-Statements)

H350 - May cause cancer

CANCER

EU - REACH Annex XVII CMRs

Carcinogen Category 1 - Substances known to be Carcinogenic to man

MULTIPLE

ChemSec - SIN List

CMR - Carcinogen, Mutagen &/or Reproductive Toxicant

MULTIPLE

German FEA - Substances Hazardous to Waters

Class 2 - Hazard to Waters

CANCER

MAK

Carcinogen Group 1 - Substances that cause cancer in man

CANCER

EU - Annex VI CMRs

Carcinogen Category 1A - Known human Carcinogen based on human evidence

PHYSICAL HAZARD
(REACTIVE)

EU - GHS (H-Statements)

H220 - Extremely flammable gas

SUBSTANCE NOTES: From PVC

UNTREATED STEEL PARTS #1

%: 2.0800 - 2.3800

HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: No

Material Notes: Untreated steel parts apply to the following components: carrier adapter and automatic seals mechanism.

STEEL

ID: 12597-69-2

%: 100.0000

GS: UNK

RC: Both

NANO: NO

ROLE: Main material

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Steel products recycled content varies: 0% - 28% pre-consumer recycled content and 25% - 78% post-consumer recycled content.

VINYL-BASED COMPOUNDS #1**%: 0.6500 - 0.7400****HPD URL:**

Inventory Threshold: 1000 ppm

Residuals Considered: Yes

Material Notes: The following components are made of vinyl-based compounds: horizontal top gaskets and bottom seals gasket.

POLYVINYL CHLORIDE (PVC)

ID: 9002-86-2

%: 97.0000 - 99.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Polymer matrix

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

RESPIRATORY

AOEC - Asthmagens

Asthmagens (Rs) - sensitizer-induced

SUBSTANCE NOTES: Manufacturer's claim: All ingredients are bound in a PVC polymer matrix and potential for hazardous exposure as shipped is minimal. PVC resin is manufactured from Vinyl Chloride Monomer (VCM). PVC resin manufacturers take special efforts to strip residual VCM from their resins. Residual VCM in the resin is typically below 8.5 ppm.

CARBON BLACK

ID: 1333-86-4

%: 1.0000 - 3.0000

GS: LT-1

RC: None

NANO: NO

ROLE: Pigment

HAZARDS:**AGENCY(IES) WITH 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: Black pigment.

VINYL CHLORIDE (VCM)

ID: 75-01-4

%: Impurity/Residual

GS: LT-1

RC: None

NANO: NO

ROLE: Impurity/Residual

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

CANCER

EU - R-phrases

R45 - May cause cancer

CANCER

US EPA - IRIS Carcinogens

(1996) Known/likely human Carcinogen

CANCER	US EPA - IRIS Carcinogens	(1986) Group A - Human Carcinogen
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	US NIH - Report on Carcinogens	Known to be a human Carcinogen
CANCER	EU - GHS (H-Statements)	H350 - May cause cancer
CANCER	EU - REACH Annex XVII CMRs	Carcinogen Category 1 - Substances known to be Carcinogenic to man
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man
CANCER	EU - Annex VI CMRs	Carcinogen Category 1A - Known human Carcinogen based on human evidence
PHYSICAL HAZARD (REACTIVE)	EU - GHS (H-Statements)	H220 - Extremely flammable gas
SUBSTANCE NOTES: See PVC substance notes		

ADHESIVE

%: **0.3800 - 0.4300**

HPD URL:

Inventory Threshold: Other

Residuals Considered: No

Material Notes: Polyurethane-based adhesive. Adhesive composition was given by the manufacturer and percentage are given as an indication to protect proprietary information.

POLYURETHANE

ID: 64440-88-6

%: 45.0000 - 69.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Polyurethane: ingredient #1

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: The exact chemical nature of this ingredient is unknown, but it belongs to the polyurethane chemical family. Therefore, polyurethane was used as an approximation.

ISOCYANATES

ID: 30108-95-3

%: 30.0000 - 50.0000

GS: UNK

RC: None

NANO: NO

ROLE: Polyurethane: ingredient #2

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: The exact chemical nature of this ingredient is unknown. However, this is a good approximation for a proprietary isocyanate prepolymer.

METHYLENE BISPHENYL DIISOCYANATE (PURE MDI)

ID: 101-68-8

#: 1.0000 - 5.0000

GS: LT-UNK

RC: None

NANO: NO

ROLE: Polyurethane: ingredient #3

HAZARDS:

AGENCY(IES) WITH WARNINGS:

MAMMALIAN	EU - R-phrases	R20 - Harmful by Inhalation (gas or vapor or dust/mist)
EYE IRRITATION	EU - R-phrases	R36 - Irritating to eyes
SKIN IRRITATION	EU - R-phrases	R38 - Irritating to skin
CANCER	EU - R-phrases	R40 - Limited Evidence of Carcinogenic Effects
RESPIRATORY	EU - R-phrases	R42 - May cause sensitization by inhalation
SKIN SENSITIZE	EU - R-phrases	R43 - May cause sensitization by skin contact
ORGAN TOXICANT	EU - R-phrases	R48: Danger of serious damage to health by prolonged exposure.
RESPIRATORY	AOEC - Asthmagens	Asthmagen (G) - generally accepted
RESTRICTED LIST	US EPA - PPT Chemical Action Plans	EPA Chemical of Concern - Action Plan published
SKIN IRRITATION	EU - GHS (H-Statements)	H315 - Causes skin irritation
EYE IRRITATION	EU - GHS (H-Statements)	H319 - Causes serious eye irritation
RESPIRATORY	EU - GHS (H-Statements)	H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled
CANCER	EU - GHS (H-Statements)	H351 - Suspected of causing cancer
RESPIRATORY	US EPA - PPT Chemical Action Plans	Inhalation sensitizer causing asthma and lung damage
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
RESPIRATORY	MAK	Sensitizing Substance Sah - Danger of airway & skin sensitization
SKIN SENSITIZE	EU - GHS (H-Statements)	H317 - May cause an allergic skin reaction

SUBSTANCE NOTES: 4,4'-methylenediphenyl diisocyanate.

HOT MELT ADHESIVE

Inventory Threshold: Other

#: 0.3800 - 0.4300

Residuals Considered: No

HPD URL:

Material Notes: Hot melt adhesive composition was given by the manufacturer and percentage are given as an indication to protect proprietary information.

1-BUTENE, POLYMER WITH ETHENE AND 1-PROPENE

ID: 25895-47-0

%: 49.0000 GS: LT-UNK RC: None NANO: NO ROLE: Hot melt adhesive: ingredient #1

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Approximation for APAO = amorphous polyalpha olefin.

BUTENE, POLYMER WITH 2-METHYL-1-PROPENE

ID: 9044-17-1

%: 40.0000 GS: LT-UNK RC: None NANO: NO ROLE: Hot melt adhesive: ingredient #2

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Approximation for Polybutene (Isobutylene/butene copolymer)

A MIXTURE OF: CIS-1,4-DIMETHYLCYCLOHEXYL DIBENZOATE

ID: 35541-81-2

%: 10.0000 GS: LT-UNK RC: None NANO: NO ROLE: Hot melt adhesive: ingredient #3

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Approximation for benzoate ester plasticizer for hot melt adhesives.

WHITE MINERAL OIL

ID: 8042-47-5

%: 1.0000 - 5.0000 GS: LT-UNK RC: None NANO: NO ROLE: Hot melt adhesive: ingredient #4

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Information given by the SDS.

GALVANIZED STEEL PARTS #1 %: 0.3000 - 0.3400 HPD URL:

Inventory Threshold: 1000 ppm Residuals Considered: Yes

Material Notes: The following components are galvanized steel parts: trolleys.

STEEL

ID: 12597-69-2

%: 100.0000 GS: UNK RC: Both NANO: NO ROLE: Main material

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Galvanized steel products recycled content is 0% pre-consumer and 25% post-consumer.

IRON-ZINC COMPOUNDS

ID:

%: Impurity/Residual GS: UNK RC: None NANO: NO ROLE: Impurity/Residual

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Protective layer obtained through galvanizing.

END CAPS

%: 0.0200

HPD URL:

Inventory Threshold: Other

Residuals Considered: No

Material Notes: An approximation for end caps composition was given by the manufacturer.

POLYPROPYLENE

ID: 9003-07-0

%: 84.0000 GS: LT-UNK RC: None NANO: NO ROLE: End caps: ingredient #1

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Material notes

THERMOPLASTIC ELASTOMER

ID: 308079-71-2

%: 16.0000 GS: UNK RC: None NANO: NO ROLE: End caps: ingredient #2

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: See Material notes

VINYL-BASED COMPOUNDS #3

%: 0.0000 - 1.2500

HPD URL:

Inventory Threshold: 1000 ppm

Residuals Considered: Yes

Material Notes: Vinyl-based compounds #3 are composed of two different PVC materials. The composition is given as a mix of both materials.

POLYVINYL CHLORIDE (PVC)

ID: 9002-86-2

%: 60.0000 - 100.0000	GS: LT-UNK	RC: UNK	NANO: NO	ROLE: Main material
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY	AOEC - Asthmagens	Asthmagen (Rs) - sensitizer-induced
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SUBSTANCE NOTES: Main ingredient for this biphasic vinyl-based compound. Manufacturer's claim: All ingredients are bound in a PVC polymer matrix and potential for hazardous exposure as shipped is minimal. PVC resin is manufactured from Vinyl Chloride Monomer (VCM). PVC resin manufacturers take special efforts to strip residual VCM from their resins. Residual VCM in the resin is typically below 8.5 ppm.

LIMESTONE; CALCIUM CARBONATE

ID: 1317-65-3

%: 10.0000 - 30.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Pigment.
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HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found	No warnings found on HPD Priority lists
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SUBSTANCE NOTES: White pigment.

TITANIUM DIOXIDE

ID: 13463-67-7

%: 1.0000 - 5.0000	GS: LT-1	RC: None	NANO: NO	ROLE: Pigment #2
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HAZARDS:

AGENCY(IES) WITH 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 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

SUBSTANCE NOTES: White pigment.

CALCIUM STEARATE

ID: 1592-23-0

%: 1.0000 - 5.0000	GS: LT-UNK	RC: None	NANO: NO	ROLE: Additive
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HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Polymer additive for rigid PVC.

BARIUM ZINC COMPLEX

ID:

%: Impurity/Residual

GS: UNK

RC: None

NANO: NO

ROLE: Impurity/Residual

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

None Found

No warnings found on HPD Priority lists

SUBSTANCE NOTES: Ingredient, other than PVC, of flexible PVC; the latter making up less than 20% of the original biphasic PVC material.

DI(2-ETHYLHEXYL)PHTHALATE (DEHP)

ID: 117-81-7

%: Impurity/Residual

GS: LT-1

RC: None

NANO: NO

ROLE: Impurity/Residual

HAZARDS:**AGENCY(IES) WITH WARNINGS:**

REPRODUCTIVE

EU - R-phrases

R60 - May impair fertility

DEVELOPMENTAL

EU - R-phrases

R61 - May cause harm to the unborn child

CANCER

US EPA - IRIS Carcinogens

(1986) Group B2 - Probable human Carcinogen

CANCER

IARC

Group 2b - Possibly carcinogenic to humans

CANCER

CA EPA - Prop 65

Carcinogen

DEVELOPMENTAL

CA EPA - Prop 65

Developmental toxicity

ENDOCRINE

EU - Priority Endocrine Disrupters

Category 1 - In vivo evidence of Endocrine Disruption Activity

CANCER

US CDC - Occupational Carcinogens

Occupational Carcinogen

CANCER

US NIH - Report on Carcinogens

Reasonably Anticipated to be Human Carcinogen

REPRODUCTIVE

EU - SVHC Authorisation List

Toxic to reproduction - Banned unless Authorised

ENDOCRINE

OSPAR - Priority PBTs & EDs & equivalent concern

Endocrine Disruptor - Chemical for Priority Action

DEVELOPMENTAL

US NIH - Reproductive & Developmental Monographs

Clear Evidence of Adverse Effects - Developmental Toxicity

REPRODUCTIVE

US NIH - Reproductive & Developmental Monographs

Clear Evidence of Adverse Effects - Reproductive Toxicity

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
REPRODUCTIVE	EU - GHS (H-Statements)	H360FD - May damage fertility. 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
REPRODUCTIVE	US EPA - PPT Chemical Action Plans	Reproductive effects
CANCER	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
REPRODUCTIVE	EU - Annex VI CMRs	Reproductive Toxicity - Category 1B
REPRODUCTIVE	CA EPA - Prop 65	Reproductive Toxicity - Male

SUBSTANCE NOTES: Ingredient, other than PVC, of flexible PVC; the latter making up less than 20% of the original biphasic PVC material.

VINYL CHLORIDE (VCM)

ID: 75-01-4

%: Impurity/Residual GS: LT-1 RC: None NANO: NO ROLE: Impurity/Residual

HAZARDS:

AGENCY(IES) WITH WARNINGS:

CANCER	EU - R-phrases	R45 - May cause cancer
CANCER	US EPA - IRIS Carcinogens	(1996) Known/likely human Carcinogen
CANCER	US EPA - IRIS Carcinogens	(1986) Group A - Human Carcinogen
CANCER	IARC	Group 1 - Agent is Carcinogenic to humans
CANCER	CA EPA - Prop 65	Carcinogen
CANCER	US CDC - Occupational Carcinogens	Occupational Carcinogen
CANCER	US NIH - Report on Carcinogens	Known to be a human Carcinogen
CANCER	EU - GHS (H-Statements)	H350 - May cause cancer
CANCER	EU - REACH Annex XVII CMRs	Carcinogen Category 1 - Substances known to be Carcinogenic to man
MULTIPLE	ChemSec - SIN List	CMR - Carcinogen, Mutagen &/or Reproductive Toxicant
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
CANCER	MAK	Carcinogen Group 1 - Substances that cause cancer in man

CANCER

EU - Annex VI CMRs

Carcinogen Category 1A - Known human
Carcinogen based on human evidence

PHYSICAL HAZARD
(REACTIVE)

EU - GHS (H-Statements)

H220 - Extremely flammable gas

SUBSTANCE NOTES: See PVC substance notes.



Section 3: Certifications and Compliance

This section lists applicable certification and standards compliance information for VOC emissions and VOC content. Other types of health or environmental performance testing or certifications completed for the product may be provided.



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.



Section 5: General Notes



MANUFACTURER INFORMATION

MANUFACTURER: Moderco inc.

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KEY

OSHA MSDS Occupational Safety and Health Administration Material Safety Data Sheet

GHS SDS Globally Harmonized System of Classification and Labeling of Chemicals Safety Data Sheet

Hazard Types

AQU Aquatic toxicity

GLO Global warming

PHY Physical Hazard (reactive)

CAN Cancer

MAM Mammalian/systemic/organ toxicity

REP Reproductive toxicity

DEV Developmental toxicity

MUL Multiple hazards

RES Respiratory sensitization

END Endocrine activity

NEU Neurotoxicity

SKI Skin sensitization/irritation/corrosivity

EYE Eye irritation/corrosivity

OZO Ozone depletion

LAN Land Toxicity

GEN Gene mutation

PBT Persistent Bioaccumulative Toxic

NF Not found on Priority Hazard Lists

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)

LT-P1 List Translator Possible Benchmark 1

BM-3 Benchmark 3 (use but still opportunity for improvement) BM-2
Benchmark 2 (use but search for safer substitutes)

LT-1 List Translator Likely Benchmark 1

BM-1 Benchmark 1 (avoid - chemical of high concern)

LT-UNK List Translator Benchmark Unknown (insufficient
information from List Translator lists to benchmark)

BM-U Benchmark Unspecified (insufficient data to benchmark)

UNK Unknown (no data on List Translator Lists)

Recycled Types

PreC Preconsumer (Post-Industrial)

PostC Postconsumer

Both Both Preconsumer and Postconsumer

Unk Inclusion of recycled content is unknown

None Does not include recycled content

Other

Nano Composed of nanoscale particles or nanotechnology

Declaration Level

Self-declared Manufacturer's self-declaration (First Party)

Independent Lab Manufacturer's self-declaration using results from an independent lab

Second Party Verification by trade association or other interested party

Third Party Verification by independent certifier

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 does not provide an assessment of health impacts throughout the product life cycle. It does not provide an assessment of exposure or risk associated with product handling or use. It also does not address potential health impacts of: (i) substances used or created during the manufacturing process unless they remain in the final product, or (ii) substances created after the product is delivered for end use (e.g., if the product burns, degrades, or otherwise changes chemical composition).

The HPD Open Standard was created and is maintained and evolved by the Health Product Declaration Collaborative (the HPD Collaborative), a customer-led organization composed of stakeholders throughout the building industry. The HPD Collaborative is committed to the continuous improvement of building products through transparency, openness, and innovation throughout the product supply chain.

A disclosure completed in compliance with the HPD Open Standard is referred to as a "Health Product Declaration," or "HPD." 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 Open Standard noted.