

KONE Transys DX
by KONE Corporation

HPD UNIQUE IDENTIFIER: 92192742
HPD UNIQUE PRODUCT ID: Not provided.
CLASSIFICATION: 14 20 00 Elevators
PRODUCT TYPE: Lifts

PRODUCT DESCRIPTION: Elevators also called lifts are permanently serving buildings and constructions designed for the vertical transportation of persons, goods, and materials. Elevator systems consist of subsystems and components. The HPD includes the content inventory above the threshold limit specified for the whole product as delivered to the installation site. The declaration covers the standard KONE TranSys™ DX elevator range for the European market, which is manufactured at KONE's manufacturing units, and for which components are purchased from KONE's suppliers.

SCREENING DATE: 2026-09-29
PUBLISHED DATE: 2026-09-29
EXPIRY DATE: 2029-09-29
PREPARER: Self-Prepared

Health Product
Declaration v3.0
created via: HPDC Online Builder

Section 1: Summary

Nested Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format
→ Nested Materials Method

Threshold Disclosed Per
→ Product

Threshold Level
→ 1,000 ppm

Residuals/Impurities Evaluation
Not Completed

Explanation(s) provided
for Residuals/Impurities?
Yes

For all contents above the threshold, the manufacturer has:

Characterized	Yes
Provided weight and role.	
Screened	No
Provided screening results using HPDC-approved methods.	
Identified	No
Provided name and CAS RN or other 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.

NESTED MATERIAL | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE
STEEL [IRON, ELEMENTAL LT-P1] END MANGANESE LT-P1] END | REP | MAM | AQU
COPPER LT-P1] MUL | AQU | MAM | EYE | SKI CARBON LT-UNK] STAINLESS STEEL [IRON,
ELEMENTAL LT-P1] END CHROMIUM LT-P1] END | SKI | MAM | REP | RES NIOBIUM LT-UNK
MANGANESE LT-P1] END | REP | MAM | AQU SILICON, ELEMENTAL LT-UNK TITANIUM LT-
UNK] PHY UNDISCLOSED LT-P1] END | SKI | MAM | REP | RES] CAST IRON [IRON,
ELEMENTAL LT-P1] END CARBON LT-UNK SILICON, ELEMENTAL LT-UNK MANGANESE LT-
P1] END | REP | MAM | AQU PHOSPHORUS BM-2] MAM | PHY | EYE | AQU | SKI] MILL
SCALE (FERROUS METAL) [MILL SCALE (FERROUS METAL) LT-UNK] IRON OXIDE [IRON
OXIDE LT-UNK] ZINC (METAL) [ZINC, ELEMENTAL LT-P1] MUL | PHY | AQU] STYRENE
BUTADIENE RUBBER [STYRENE-BUTADIENE RUBBER NoGS] CEMENT, PORTLAND [
PORTLAND CEMENT LT-P1] CAN | END | MAM | EYE | SKI] ELECTRONICS [ELECTRONICS
] ALUMINUM ALLOY [ALUMINIUM NoGS MAGNESIUM LT-UNK] PHY | MAM | SKI | EYE
SILICON, ELEMENTAL LT-UNK IRON, ELEMENTAL LT-P1] END] COPPER [COPPER LT-P1]
MUL | AQU | MAM | EYE | SKI] SPRUCE [SPRUCE NoGS] POLYVINYLCHLORIDE [
POLYVINYL CHLORIDE LT-P1] CAN | MAM] WATER [WATER BM-4] POLYURETHANE [
POLYURETHANE FOAMS LT-UNK] NEUBURG SILICEOUS EARTH [NEUBURG SILICEOUS
EARTH NoGS] CALCIUM CARBONATE [CALCIUM CARBONATE BM-3] EYE] BIS(2-
ETHYLHEXYL) TEREPHTHALATE [BIS(2-ETHYLHEXYL) TEREPHTHALATE BM-3dg]

Number of Greenscreen BM-4/BM3 contents ... 3

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ... LT-P1
Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Antimicrobial Pesticides Reporting: This product does not contain substance(s) that are intentionally added above the [Product - 1,000 ppm] threshold to act as antimicrobials.

Special Conditions applied: [GeologicalMaterial]
Special Conditions applied: [Electronics]
Special Conditions applied: [Polymers]

Some of the contents are not fully characterized, screened and/or identified due to the use of special conditions.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

COMPLIANCE See Section 3 for additional listings.

VOC emissions: CDPH Standard Method V1.1 (Section 01350/CHPS) - Zero VOC emissions

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Section 2: Content in Descending Order of Quantity

This section lists contents in a product based on specific threshold(s) and reports detailed health information including hazards. This HPD uses the inventory method indicated above, which is one of three possible methods:

- Basic Inventory method with Product-level threshold.
- Nested Material Inventory method with Product-level threshold
- Nested Material Inventory method with individual Material-level thresholds

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 3.0, available on the HPDC website at: www.hpd-collaborative.org/hpd-3-0-standard

STEEL

%: 75.0735 - 82.9760

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No

MATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: No Residuals or Impurities are expected to be present at or above Content Inventory

OTHER MATERIAL NOTES: S235JR and other similar type of steel. Substance range is provided to safeguard proprietary information of KONE and its suppliers

IRON, ELEMENTAL

ID: 7439-89-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-09-29 22:48:05

%: 97.7980 - 100.0000

GreenScreen: LT-P1

RC: None

NANO: No

SUBSTANCE ROLE: Structure component

HAZARD TYPE

LIST NAME AND SOURCE

WARNINGS

END

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

ADDITIONAL LISTINGS

LIST NAME AND SOURCE

NOTIFICATION

None found

No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Substance range is provided to safeguard proprietary information of KONE and its suppliers

MANGANESE				ID: 7439-96-5
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-09-29 22:48:05	
%: 0.0000 - 1.4000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
END	TEDX - Potential Endocrine Disruptors		Potential Endocrine Disruptor	
REP	GHS - Japan		H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B]	
MAM	GHS - Japan		H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]	
MAM	GHS - Australia		H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]	
AQU	GHS - New Zealand		Hazardous to the aquatic environment - chronic category 3	
AQU	GHS - Japan		H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]	
AQU	GHS - Japan		H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	

RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025
		Children's Toy Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026
		Children's Toy Products
SUBSTANCE NOTES: Substance range is provided to safeguard proprietary information of KONE and its suppliers		

COPPER

ID: 7440-50-8

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-09-29 22:48:06

%: 0.0000 - 0.5500	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters		
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]		
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]		
EYE	GHS - New Zealand	Eye irritation category 2		
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]		
SKI	GHS - New Zealand	Skin sensitisation category 1		
MAM	GHS - New Zealand	Acute inhalation toxicity category 2		
MAM	GHS - New Zealand	Acute oral toxicity category 2		
AQU	GHS - New Zealand	Hazardous to the aquatic environment - acute category 1		
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 2		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
RESTRICTED LIST	Perkins+Will (P+W)	P&W - Precautionary List Precautionary list of substances recommended for avoidance		
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List Antimicrobials		
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025 Children's Toy Products		
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025 Cosmetics and Personal Care Products		
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026 Children's Toy Products		

CARBON			ID: 7440-44-0		
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-09-29 22:48:06		
%: 0.0000 - 0.1700	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Structure component	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			No listings found on Additional Hazard Lists		
SUBSTANCE NOTES: Substance range is provided to safeguard proprietary information of KONE and its suppliers					

STAINLESS STEEL %: 3.3170 - 5.5290

PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No	MATERIAL TYPE: Metal
RESIDUALS AND IMPURITIES NOTES: No Residuals or Impurities are expected to be present at or above Content Inventory		
OTHER MATERIAL NOTES: SS441 and other similar types of stainless steel. Substance range is provided to safeguard proprietary information of KONE and its suppliers.		

IRON, ELEMENTAL			ID: 7439-89-6		
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-09-29 22:48:07		
%: 77.8150 - 82.0100	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Structure component	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
END	TEDX - Potential Endocrine Disruptors		Potential Endocrine Disruptor		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			No listings found on Additional Hazard Lists		
SUBSTANCE NOTES: Substance range is provided to safeguard proprietary information of KONE and its suppliers					

CHROMIUM			ID: 7440-47-3		
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-09-29 22:48:06		
%: 17.5000 - 18.5000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Structure component	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
END	TEDX - Potential Endocrine Disruptors		Potential Endocrine Disruptor		
SKI	MAK		Sensitizing Substance Sh - Danger of skin sensitization		
MAM	GHS - Japan		H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]		
REP	GHS - New Zealand		Reproductive toxicity category 2		

RES	GHS - Japan	H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled [Respiratory sensitization - Category 1A]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP11)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025 Children's Toy Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP11)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025 Cosmetics and Personal Care Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP11)	C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026 Children's Toy Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP11)	C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026 Cosmetics & Personal Care Products
SUBSTANCE NOTES: Substance range is provided to safeguard proprietary information of KONE and its suppliers		

NIOBIUM		ID: 7440-03-1
HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2026-09-29 22:48:07
%: 0.3900 - 1.0000	GreenScreen: LT-UNK	RC: None
		NANO: No
		SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES: Substance range is provided to safeguard proprietary information of KONE and its suppliers.		

MANGANESE		ID: 7439-96-5
HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2026-09-29 22:48:07
%: 0.0000 - 1.0000	GreenScreen: LT-P1	RC: None
		NANO: No
		SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
REP	GHS - Japan	H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B]
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
MAM	GHS - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 3

AQU	GHS - Japan	H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]
AQU	GHS - Japan	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025 Children's Toy Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026 Children's Toy Products
SUBSTANCE NOTES: Substance range is provided to safeguard proprietary information of KONE and its suppliers		

SILICON, ELEMENTAL		ID: 7440-21-3
HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2026-09-29 22:48:08
%: 0.0000 - 1.0000	GreenScreen: LT-UNK	RC: None
		NANO: No
SUBSTANCE ROLE: Structure component		
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES: Substance range is provided to safeguard proprietary information of KONE and its suppliers		

TITANIUM		ID: 7440-32-6
HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2026-09-29 22:48:09
%: 0.1000 - 0.6000	GreenScreen: LT-UNK	RC: None
		NANO: No
SUBSTANCE ROLE: Structure component		
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
PHY	GHS - Japan	H225 - Highly flammable liquid and vapour [Flammable solids - Category 1]
PHY	GHS - Japan	H250 - Catches fire spontaneously if exposed to air [Pyrophoric solids - Category 1]
PHY	GHS - Japan	H251 - Self-heating;; may catch fire [Self-heating substances and mixtures - Category 1]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES: Substance range is provided to safeguard proprietary information of KONE and its suppliers		

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-09-29 22:48:08

%		0.0000 - 0.1000		GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE		LIST NAME AND SOURCE			WARNINGS		
END		TEDX - Potential Endocrine Disruptors			Potential Endocrine Disruptor		
SKI		MAK			Sensitizing Substance Sh - Danger of skin sensitization		
MAM		GHS - Japan			H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]		
REP		GHS - New Zealand			Reproductive toxicity category 2		
RES		GHS - Japan			H334 - May cause allergy or asthma symptoms or breathing difficulties if inhaled [Respiratory sensitization - Category 1A]		
ADDITIONAL LISTINGS		LIST NAME AND SOURCE			NOTIFICATION		
RESTRICTED LIST		Cradle to Cradle Products Innovation Institute (C2CP II)			C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025 Children's Toy Products		
RESTRICTED LIST		Cradle to Cradle Products Innovation Institute (C2CP II)			C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025 Cosmetics and Personal Care Products		
RESTRICTED LIST		Cradle to Cradle Products Innovation Institute (C2CP II)			C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026 Children's Toy Products		
RESTRICTED LIST		Cradle to Cradle Products Innovation Institute (C2CP II)			C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026 Cosmetics & Personal Care Products		
SUBSTANCE NOTES: Substance range is provided to safeguard proprietary information of KONE and its suppliers							

CAST IRON

%: 4.7664 - 5.2681

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No

MATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: No Residuals or Impurities are expected to be present at or above Content Inventory

OTHER MATERIAL NOTES: EN-GJL-250 and other similar types of cast iron. Substance range is provided to safeguard proprietary information of KONE and its suppliers

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-09-29 22:48:09

%: 93.5300 - 95.2000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		

SUBSTANCE NOTES: Substance range is provided to safeguard proprietary information of KONE and its suppliers

CARBON

ID: 7440-44-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-09-29 22:48:10

%: 2.8000 - 3.3000

GreenScreen: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Structure component

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Substance range is provided to safeguard proprietary information of KONE and its suppliers

SILICON, ELEMENTAL

ID: 7440-21-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-09-29 22:48:10

%: 1.2000 - 1.7000

GreenScreen: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Structure component

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Substance range is provided to safeguard proprietary information of KONE and its suppliers

MANGANESE

ID: 7439-96-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-09-29 22:48:12

%: 0.8000 - 1.2000

GreenScreen: LT-P1

RC: None

NANO: No

SUBSTANCE ROLE: Structure component

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
REP	GHS - Japan	H360 - May damage fertility or the unborn child [Toxic to reproduction - Category 1B]
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
MAM	GHS - Australia	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organ toxicity - repeated exposure - Category 1]
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 3
AQU	GHS - Japan	H401 - Toxic to aquatic life [Hazardous to the aquatic environment (acute) - Category 2]

AQU	GHS - Japan	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025 Children's Toy Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026 Children's Toy Products
SUBSTANCE NOTES: Substance range is provided to safeguard proprietary information of KONE and its suppliers		

PHOSPHORUS

ID: 7723-14-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-09-29 22:48:08		
%: 0.0000 - 0.1500	GreenScreen: BM-2	RC: None	NANO: No	SUBSTANCE ROLE: Structure component	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
MAM	US EPA - EPCRA Extremely Hazardous Substances		Extremely Hazardous Substances		
MAM	GHS - New Zealand		Specific target organ toxicity - repeated exposure category 1		
PHY	GHS - New Zealand		Pyrophoric solids category 1		
EYE	GHS - New Zealand		Serious eye damage category 1		
AQU	GHS - New Zealand		Hazardous to the aquatic environment - acute category 1		
AQU	GHS - New Zealand		Hazardous to the aquatic environment - chronic category 1		
MAM	Québec CSST - WHMIS 1988		Class D1A - Very toxic material causing immediate and serious toxic effects		
SKI	GHS - New Zealand		Skin corrosion category 1A		
MAM	GHS - New Zealand		Acute dermal toxicity category 1		
MAM	GHS - New Zealand		Acute inhalation toxicity category 1		
MAM	GHS - New Zealand		Acute oral toxicity category 1		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)		C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025		
			Cosmetics and Personal Care Products		
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)		C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026		
			Cosmetics & Personal Care Products		
SUBSTANCE NOTES: Substance range is provided to safeguard proprietary information of KONE and its suppliers					

MILL SCALE (FERROUS METAL)		%: 2.2737 - 3.7895	
PRODUCT THRESHOLD: 1000 ppm		RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No	MATERIAL TYPE: Metal

RESIDUALS AND IMPURITIES NOTES: No Residuals or Impurities are expected to be present at or above Content Inventory

OTHER MATERIAL NOTES: Substance range is provided to safeguard propriety information of KONE and its suppliers.

MILL SCALE (FERROUS METAL)

ID: 65996-74-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-09-29 22:48:09		
%: 100.0000 - 100.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Structure component	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			No listings found on Additional Hazard Lists		
SUBSTANCE NOTES: Substance range is provided to safeguard the proprietary information of KONE and its suppliers					

IRON OXIDE

%: 2.2040 - 3.6734

PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No	MATERIAL TYPE: Ceramic
RESIDUALS AND IMPURITIES NOTES: No Residuals or Impurities are expected to be present at or above Content Inventory		
OTHER MATERIAL NOTES: Substance range is provided to safeguard propriety information of KONE and its suppliers		

IRON OXIDE

ID: 1332-37-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-09-29 22:48:10		
%: 100.0000 - 100.0000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Structure component	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			No listings found on Additional Hazard Lists		
SUBSTANCE NOTES: Substance range is provided to safeguard proprietary information of KONE and its suppliers.					

ZINC (METAL)

%: 0.5000 - 2.0000

PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No	MATERIAL TYPE: Metal
RESIDUALS AND IMPURITIES NOTES: No Residuals or Impurities are expected to be present at or above Content Inventory		
OTHER MATERIAL NOTES: Since zinc is applied as the coating substance in some of the steels, it is inert in the final product and highly unlikely to leach from the steel to the environment. The risk of direct exposure to zinc is negligible and the hazards can be considered irrelevant		

ZINC, ELEMENTAL

ID: 7440-66-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-09-29 22:48:11		
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HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
PHY	GHS - New Zealand	Pyrophoric solids category 1
PHY	GHS - New Zealand	Self-heating substances and mixtures category 1
PHY	GHS - New Zealand	Substances and mixtures which, in contact with water, emit flammable gases category 1
AQU	GHS - New Zealand	Hazardous to the aquatic environment - acute category 1
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 1
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPll)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025
		Children's Toy Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPll)	C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026
		Children's Toy Products
SUBSTANCE NOTES: Substance range is provided to safeguard the proprietary information of KONE and its suppliers		

STYRENE BUTADIENE RUBBER

%: 0.9022 - 1.5036

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No

MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: No Residuals or Impurities are expected to be present at or above Content Inventory

OTHER MATERIAL NOTES: Substance range is provided to safeguard propriety information of KONE and its suppliers.

STYRENE-BUTADIENE RUBBER

ID: 61789-96-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-09-23 23:37:33

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

POLYMER TYPE: Thermoplastic

AVERAGE MOLECULAR WEIGHT : Unknown

PERCENTAGE OF POLYMER WITH MOLECULAR WEIGHT LESS THAN 500 DA: Unknown

ADDITIONAL SUBSTANCES CONSIDERED: Yes

POLYMER NOTES: This polymer has been reported in accordance to [HPDC Special Conditions Policy](#) for polymers with disclosed CAS numbers.

ADDITIONAL NOTES: This polymer has been reported in accordance to HPDC Special Conditions Policy for polymers with disclosed CAS numbers

PORTLAND CEMENT			ID: 65997-15-1		
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-09-29 22:48:10		
%: 100.0000 - 100.0000	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Structure component	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
CAN	MAK		Carcinogen Group 3B - Evidence of carcinogenic effects but not sufficient for classification		
END	TEDX - Potential Endocrine Disruptors		Potential Endocrine Disruptor		
MAM	GHS - Japan		H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]		
MAM	GHS - Japan		H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]		
EYE	GHS - Japan		H318 - Causes serious eye damage [Serious eye damage / eye irritation - Category 1]		
SKI	GHS - Japan		H314 - Causes severe skin burns and eye damage [Skin corrosion / irritation - Category 1]		
SKI	GHS - Malaysia		H315 - Causes skin irritation [Skin corrosion/irritation - Category 2]		
EYE	GHS - Malaysia		H318 - Causes serious eye damage [Serious eye damage/eye irritation - Category 1]		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			No listings found on Additional Hazard Lists		

SUBSTANCE NOTES: Substance range is provided to safeguard proprietary information of KONE and its suppliers.

ELECTRONICS			ID: Electronic Component		
HAZARD DATA SOURCE: HPDC Special Conditions Policy					
%: 100.0000 - 100.0000	GreenScreen: Not Required	RC: None	NANO: No	MATERIAL ROLE: Electronic component	
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS		
Hazard Screening is not applicable to this Special Condition					
INGREDIENT DESCRIPTION: Electronics include electrification and signalization components such as printed circuit boards and wiring.					

EU ROHS COMPLIANCE: Yes
END-OF-LIFE MANAGEMENT: No end-of-life management plan
MATERIAL CONTENT NOTES: Substance range is provided to safeguard proprietary information of KONE and its suppliers.

ALUMINUM ALLOY

%: 0.1167 - 0.8173

PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No	MATERIAL TYPE: Metal
RESIDUALS AND IMPURITIES NOTES: No Residuals or Impurities are expected to be present at or above Content Inventory		
OTHER MATERIAL NOTES: Aluminum 6063 and other similar types of aluminum. Substance range is provided to safeguard proprietary information of KONE and its suppliers.		

ALUMINIUM				ID: 15629-83-1
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-09-29 22:48:11	
%: 97.6000 - 99.8000	GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists	
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION	
None found			No listings found on Additional Hazard Lists	
SUBSTANCE NOTES: Substance range is provided to safeguard proprietary information of KONE and its suppliers				

MAGNESIUM

ID: 7439-95-4

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-09-29 22:48:12

%: 0.4500 - 0.9000

GreenScreen: LT-UNK

RC: None

NANO: No

SUBSTANCE ROLE: Structure component

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
PHY	EU - GHS (H-Statements) Annex 6 Table 3-1	H260 - In contact with water releases flammable gases which may ignite spontaneously [Substances and mixtures which, in contact with water, emit flammable gases - Category 1]
PHY	EU - GHS (H-Statements) Annex 6 Table 3-1	H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]
PHY	GHS - Malaysia	H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]
PHY	GHS - Australia	H250 - Catches fire spontaneously if exposed to air [Pyrophoric liquids; Pyrophoric solids - Category 1]
PHY	GHS - New Zealand	Self-heating substances and mixtures category 1
PHY	GHS - New Zealand	Substances and mixtures which, in contact with water, emit flammable gases category 1
SKI	GHS - Japan	H315 - Causes skin irritation [Skin corrosion / irritation - Category 2]
PHY	GHS - Australia	H260 - In contact with water releases flammable gases which may ignite spontaneously [Substances and mixtures which, in contact with water, emit

flammable gases - Category 1]

EYE	GHS - Japan	H319 - Causes serious eye irritation [Serious eye damage / eye irritation - Category 2A]
PHY	GHS - Malaysia	H260 - In contact with water releases flammable gases which may ignite spontaneously [Substances and mixtures which, in contact with water, emit flammable gases - Category 1]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists
SUBSTANCE NOTES: Substance range is provided to safeguard proprietary information of KONE and its suppliers.		

SILICON, ELEMENTAL

ID: 7440-21-3

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2026-09-29 22:48:13		
%: 0.2000 - 0.6000	GreenScreen: LT-UNK	RC: None	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
None found		No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		
SUBSTANCE NOTES: Substance range is provided to safeguard proprietary information of KONE and its suppliers				

IRON, ELEMENTAL

ID: 7439-89-6

HAZARD DATA SOURCE: Pharos Chemical and Materials Library		HAZARD SCREENING DATE: 2026-09-29 22:48:14		
%: 0.0000 - 0.3500	GreenScreen: LT-P1	RC: None	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS		
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION		
None found		No listings found on Additional Hazard Lists		
SUBSTANCE NOTES: Substance range is provided to safeguard proprietary information of KONE and its suppliers				

COPPER

%: 0.0816 - 0.5713

PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No	MATERIAL TYPE: Metal
RESIDUALS AND IMPURITIES NOTES: No Residuals or Impurities are expected to be present at or above Content Inventory.		
OTHER MATERIAL NOTES: Substance range is provided to safeguard proprietary information of KONE and its suppliers.		

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-09-29 22:48:11

%: 100.0000 - 100.0000

GreenScreen: LT-P1

RC: None

NANO: No

SUBSTANCE ROLE: Structure component

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
AQU	EU - GHS (H-Statements) Annex 6 Table 3-1	H411 - Toxic to aquatic life with long lasting effects [Hazardous to the aquatic environment (chronic) - Category 2]
MAM	GHS - Japan	H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]
EYE	GHS - New Zealand	Eye irritation category 2
MAM	GHS - Japan	H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]
SKI	GHS - New Zealand	Skin sensitisation category 1
MAM	GHS - New Zealand	Acute inhalation toxicity category 2
MAM	GHS - New Zealand	Acute oral toxicity category 2
AQU	GHS - New Zealand	Hazardous to the aquatic environment - acute category 1
AQU	GHS - New Zealand	Hazardous to the aquatic environment - chronic category 2
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Perkins+Will (P+W)	P&W - Precautionary List Precautionary list of substances recommended for avoidance
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List Antimicrobials
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025 Children's Toy Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025 Cosmetics and Personal Care Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v5.0 Product Standard Restricted Substances - Effective March 16, 2026 Children's Toy Products

SUBSTANCE NOTES: Substance range is provided to safeguard proprietary information of KONE and its suppliers.

SPRUCE

%: 0.0775 - 0.5428

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No

MATERIAL TYPE: Other Biological Material

RESIDUALS AND IMPURITIES NOTES: No Residuals or Impurities are expected to be present at or above Content Inventory.

OTHER MATERIAL NOTES: Substance range is provided to safeguard proprietary information of KONE and its suppliers.

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2026-09-29 22:48:12

%: 100.0000 - 100.0000		GreenScreen: NoGS	RC: None	NANO: No	SUBSTANCE ROLE: Structure component
HAZARD TYPE	LIST NAME AND SOURCE			WARNINGS	
None found			No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE			NOTIFICATION	
None found			No listings found on Additional Hazard Lists		
SUBSTANCE NOTES: Substance range is provided to safeguard proprietary information of KONE and its suppliers.					

POLYVINYLCHLORIDE

%: 0.0748 - 0.5242

PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No	MATERIAL TYPE: Polymeric Material
RESIDUALS AND IMPURITIES NOTES: No Residuals or Impurities are expected to be present at or above Content Inventory		
OTHER MATERIAL NOTES: Substance range is provided to safeguard propriety information of KONE and its suppliers.		

POLYVINYL CHLORIDE				ID: 9002-86-2	
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-09-23 23:30:12		
%: 100.0000 - 100.0000		GreenScreen: LT-P1	RC: None	NANO: No	POLYMER ROLE: Polymer species
HAZARD TYPE		LIST NAME AND SOURCE		WARNINGS	
CAN		MAK		Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels	
MAM		GHS - Japan		H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]	
MAM		GHS - Japan		H335 - May cause respiratory irritation [Specific target organ toxicity - Single exposure - Category 3]	
ADDITIONAL LISTINGS		LIST NAME AND SOURCE		NOTIFICATION	
RESTRICTED LIST		Perkins+Will (P+W)		P&W - Precautionary List Precautionary list of substances recommended for avoidance	
RESTRICTED LIST		Green Science Policy Institute (GSPI)		GSPI - Six Classes Precautionary List Flame Retardants	
RESTRICTED LIST		International Living Future Institute (ILFI)		Living Building Challenge 4.0 - Red List of Materials & Chemicals - Effective July 10, 2026 Red List substances to avoid in Living Building Challenge V4.0 projects	
RESTRICTED LIST		Cradle to Cradle Products Innovation Institute (C2CPll)		C2C Certified v4.1 Product Standard Restricted Substances - Effective July 1, 2025 Avoidance of Organohalogens and Functionally Related Chemical Classes of Concern	
POLYMER TYPE: Thermoplastic					
AVERAGE MOLECULAR WEIGHT : Unknown					
PERCENTAGE OF POLYMER WITH MOLECULAR WEIGHT LESS THAN 500 DA: Unknown					
ADDITIONAL SUBSTANCES CONSIDERED: Yes					
POLYMER NOTES: This polymer has been reported in accordance to HPDC Special Conditions Policy for polymers with disclosed CAS numbers.					

WATER %: 0.0723 - 0.5061

PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No	MATERIAL TYPE: Other: Water
RESIDUALS AND IMPURITIES NOTES: No Residuals or Impurities are expected to be present at or above Content Inventory		
OTHER MATERIAL NOTES: Substance range is provided to safeguard propriety information of KONE and its suppliers.		

WATER ID: 7732-18-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-09-29 22:48:14		
%: 100.0000 - 100.0000	GreenScreen: BM-4	RC: None	NANO: No	SUBSTANCE ROLE: Structure component	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
EXEMPT	European Union / European Commission (EU EC)		EU - REACH Exemptions		
			Exempted from REACH Annex IV listing due to intrinsic safety		
SUBSTANCE NOTES: Substance range is provided to safeguard proprietary information of KONE and its suppliers.					

POLYURETHANE %: 0.0352 - 0.2465

PRODUCT THRESHOLD: 1000 ppm	RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No	MATERIAL TYPE: Polymeric Material
RESIDUALS AND IMPURITIES NOTES: No Residuals or Impurities are expected to be present at or above Content Inventory		
OTHER MATERIAL NOTES: Substance range is provided to safeguard propriety information of KONE and its suppliers.		

POLYURETHANE FOAMS ID: 9009-54-5

HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2026-09-23 23:32:40		
%: 100.0000 - 100.0000	GreenScreen: LT-UNK	RC: None	NANO: No	POLYMER ROLE: Polymer species	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
None found			No warnings found on HPD Priority Hazard Lists		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
None found			No listings found on Additional Hazard Lists		
POLYMER TYPE: Thermoplastic					
AVERAGE MOLECULAR WEIGHT : Unknown					
PERCENTAGE OF POLYMER WITH MOLECULAR WEIGHT LESS THAN 500 DA: Unknown					
ADDITIONAL SUBSTANCES CONSIDERED: Yes					
POLYMER NOTES: This polymer has been reported in accordance to HPDC Special Conditions Policy for polymers with disclosed CAS numbers.					

NEUBURG SILICEOUS EARTH %: 0.0295 - 0.2066

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No MATERIAL TYPE: Geologically Derived Material

RESIDUALS AND IMPURITIES NOTES: No Residuals or Impurities are expected to be present at or above Content Inventory

OTHER MATERIAL NOTES: Substance range is provided to safeguard propriety information of KONE and its suppliers.

NEUBURG SILICEOUS EARTH ID: 1020665-14-8

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2026-09-29 22:48:13

%: 100.0000 - 100.0000 GreenScreen: NoGS RC: None NANO: No SUBSTANCE ROLE: Structure component

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Substance range is provided to safeguard proprietary information of KONE and its suppliers.

CALCIUM CARBONATE %: 0.0274 - 0.1924

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No MATERIAL TYPE: Geologically Derived Material

RESIDUALS AND IMPURITIES NOTES: No Residuals or Impurities are expected to be present at or above Content Inventory

OTHER MATERIAL NOTES: Substance range is provided to safeguard propriety information of KONE and its suppliers.

CALCIUM CARBONATE ID: 471-34-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2026-09-29 22:48:13

%: 100.0000 - 100.0000 GreenScreen: BM-3 RC: None NANO: No SUBSTANCE ROLE: Structure component

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
EYE	GHS - New Zealand	Eye irritation category 2

ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
None found		No listings found on Additional Hazard Lists

SUBSTANCE NOTES: Substance range is provided to safeguard the proprietary information of KONE and its suppliers.

BIS(2-ETHYLHEXYL) TEREPHTHALATE %: 0.0254 - 0.1784

PRODUCT THRESHOLD: 1000 ppm RESIDUALS AND IMPURITIES EVALUATION COMPLETED: No MATERIAL TYPE: Polymeric Material

RESIDUALS AND IMPURITIES NOTES: No Residuals or Impurities are expected to be present at or above Content Inventory

BIS(2-ETHYLHEXYL) TEREPHTHALATE

ID: 6422-86-2

HAZARD DATA SOURCE: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2026-09-23 23:35:03

%: 100.0000 - 100.0000 GreenScreen: BM-3dg RC: None NANO: No POLYMER ROLE: Polymer species

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Green Science Policy Institute (GSPI)	GSPI - Six Classes Precautionary List Bisphenols and Phthalates

POLYMER TYPE: Thermoplastic

AVERAGE MOLECULAR WEIGHT : Unknown

PERCENTAGE OF POLYMER WITH MOLECULAR WEIGHT LESS THAN 500 DA: Unknown

ADDITIONAL SUBSTANCES CONSIDERED: Yes

POLYMER NOTES: This polymer has been reported in accordance to HPDC Special Conditions Policy for polymers with disclosed CAS numbers.

ADDITIONAL NOTES: This polymer has been reported in accordance to HPDC Special Conditions Policy for polymers with disclosed CAS numbers.



Section 3: Compliance

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

VOC EMISSIONS	CDPH Standard Method V1.1 (Section 01350/CHPS) - Zero VOC emissions	
COMPLIANCE TYPE: Self-declaration	ISSUE DATE: 2026-09-24	EXPIRY DATE: No expiration
CERTIFIER/VERIFIER/TESTING LAB/AUDITOR: None		
COMPLIANCE DETAILS:		
COMPLIANCE SCOPE:		
APPLICABLE FACILITIES: Not relevant for elevators		
COMPLIANCE URL:		
COMPLIANCE NOTES:		



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.

GUIDERAIL CLEANER
MANUFACTURER (OR GENERIC): Generic
HPD URL: No HPD available
ACCESSORY TYPE: Cleaning Product
CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: This product is not classified as hazardous as per the manufacturer's safety data sheet.



Section 5: General Notes

The KONE TranSys™ DX redefines what a lift built for demanding environments can be, with built-in connectivity for improved goods and people flow, and a new and inspiring user experience that delivers on all counts. The KONE TranSys™ DX is a machine room-less adaptable and durable lift for public transport, retail, industrial premises and hospital buildings. Powered by the compact, energy-efficient KONE EcoDisc® hoisting motor, the KONE TranSys™ DX saves valuable space in buildings by completely removing the need for a machine room.



MANUFACTURER INFORMATION

MANUFACTURER: **KONE Corporation**
ADDRESS: **Keilasatama 3**
Hyvinkää, Uusimaa 05830
COUNTRY: **Finland**

WEBSITE: **www.kone.com**
CONTACT NAME: **Sarell Maija**
TITLE: **Head of R&D Portfolio Management**
PHONE: **+358408336854**
EMAIL: **maija.sarell@kone.com**

The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY

Hazard Types

AQU Aquatic toxicity
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

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)

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 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 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.