

Rollease Acmeda Contract Series Two Shading System by Rollease Acmeda

Health Product Declaration v2.1.1

created via: toxnot.com

CLASSIFICATION:

PRODUCT DESCRIPTION: THE CONTRACT SERIES TWO SHADING SYSTEM SETS THE BENCHMARK FOR PERFORMANCE FUNCTION AND AESTHETICS WITH EASY INSTALLATION AND A BEST IN CLASS OPERATION SYSTEM. FUNCTIONS INCLUDE THE ABILITY TO LINK MULTIPLE SHADES TO LINK UP TO 90-DEGREE ANGLES WITHSTANDING WIDTHS UP TO 12' AND PULLING FORCES CONSISTENT ACROSS THE RANGE OF SIZES UP TO 120 SQUARE FEET ALL 2-3 LBS OF PULL FORCES ALL OF WHICH COMPLIMENTS THE PREMIUM S45 AND S60 SYSTEMS: SLEEK COMPACT SHADING SYSTEM WITH AN EXTENSIVE COLOR PALLET; DURABLE CONSTRUCTION MODERN DESIGN AND INDUSTRIAL AESTHETIC; COMPACT AND EASILY HIDDEN IN INTERNALLY AND ; DYNAMIC LIGHT AND HEAT CONTROL CAN AID IN INCREASING ENERGY EFFICIENCY.

Section 1: Summary

Nested Method/Product Threshold

CONTENT INVENTORY

Inventory Reporting Format

- Nested Materials Method
- Basic Method

Threshold Disclosed Per

- Material
- Product

Threshold Level

- 100 ppm
- 1,000 ppm
- Per GHS SDS
- Per OSHA MSDS
- Other

Residuals/Impurities

Residuals and impurities considered in 7 of 7 materials

Explanation(s) provided for

Residuals/Impurities?

- Yes
- No

All Substances Above the Threshold Indicated Are:

Characterized Yes Ex/SC Yes No
% weight and role provided for all substances

Screened Yes Ex/SC Yes No
Screened using Priority Hazard Lists with results disclosed

Identified Yes Ex/SC Yes No
Disclosed by Name (Specific or Generic) and identifier

SC = Special Condition (See Notes)

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** GREENSCREEN SCORE HAZARD TYPE;

ALUMINUM ALLOY TUBE | **MAGNESIUM** LT-UNK PHY; **SILICON** LT-UNK ; **IRON** LT-P1 END; **CHROMIUM METALLIC** LT-P1 END | SKI | RES; **COPPER** LT-P1 GEN | MUL; **MANGANESE** LT-P1 END | MUL | REP; **TITANIUM** LT-UNK ; **ZINC** LT-P1 PHY | END | AQU | MUL; **MILD STEEL (CARBON STEEL)** | **IRON** LT-P1 END; **NICKEL (METALLIC)** LT-1 CAN | RES | MUL | MAM | SKI; **GRAPHITE** LT-UNK ; **SILICON** LT-UNK ; **13-BENZENEDICARBOXYLIC ACID POLYMER WITH 14-BENZENEDICARBOXYLIC ACID 22-DIMETHYL-13-PROPANEDIOL 12-ETHANEDIOL AND HEXANEDIOIC ACID** LT-UNK ; **MANGANESE** LT-P1 END | MUL | REP; **BARIUM SULFATE** LT-UNK ; **PHOSPHORUS** BM-2 MAM | PHY | DEV; **SULFUR ELEMENTAL** LT-UNK SKI; **POLYOXYMETHYLENE COPOLYMER** | **135-TRIOXANE POLYMER WITH 13-DIOXOLANE** LT-UNK ; **THERMOPLASTIC POLYMER COMPOSITE** | **NYLON 6** LT-UNK ; **GLASS OXIDE CHEMICALS** LT-UNK ; **POLAMIDE 6** | **POLY[IMINO(16-DIOXO-16-HEXANEDIYL)IMINO-16-HEXANEDIYL]** LT-UNK ; **CHROME STEEL** | **IRON** LT-P1 END; **CHROMIUM(VI)** LT-1 REP | SKI | CAN | AQU | DEV | END; **MANGANESE** LT-P1 END | MUL | REP; **POLYCARBONATE** | **13-DIOXOLAN-2-ONE** BM-1 ; **BISPHENOL A** LT-1 REP | END | SKI | PBT | EYE | MUL | RESTRICTED LIST;

Number of GreenScreen® BM-4/BM-3 contents: 0

Contents highest concern GreenScreen® Benchmark or List Translator Score: BM - 1

Nanomaterial: No contents are characterized as a nanomaterial

INVENTORY AND SCREENING NOTES

The S45 inventory as listed in this HPD is grouped by piece composition and not individual material parts. The HPD was performed in this manner because S45 system are customizable from hundreds of oof pieces that could not be individually listed here. This inventory is conducted to the threshold of the possibilities of those systems with the example minimum and maximum system parts listed below. A minimum and maximum were chosen for practical and possible installations of the S45 system.

Both the minimum and maximum systems

include the following parts: chainwinder
bracket set idler tube chain easy link drive
bearing bracket. Each part listing can have
multiple small pieces such as springs and
hardware. All pieces were considered for the
100 ppm threshold.

VOLATILE ORGANIC COMPOUND (VOC) CONTENT

VOC Content data is not applicable for this product category.

CERTIFICATIONS AND COMPLIANCE *See Section 3 for additional listings*

VOC emissions: CPDH v1.2

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

Yes

No

PREPARER: Self-Prepared

VERIFIER:

VERIFICATION #:

SCREENING DATE:

PUBLISHED DATE: Not published on the HPDC repository

EXPIRY DATE: Not published on the HPDC repository



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

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

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.1.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-1-standard

ALUMINUM ALLOY TUBE

%: 63.62-93.76

HPD URL:

MATERIAL THRESHOLD: RESIDUALS AND IMPURITIES CONSIDERED: Considered
 RESIDUAL/IMPURITIES NOTES: Residuals and impurities screened using the toxnet database
 OTHER MATERIAL NOTES: No actual tests were performed on the physical materials used for these parts. All residuals and impurities are based on the toxnet database and are not a guarantee of presence in the actual material. They are listed for reference only. This is for Aluminum alloy 6063.

MAGNESIUM

ID: 7439-95-4

%: 45-90	GS: LT-UNK	RC: None	NANO: No	ROLE: Base metal
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
PHY	EU - GHS (H-Statements)		H260	
PHY	EU - GHS (H-Statements)		H250	

SUBSTANCE NOTES: Per the PubChem database: COMMERCIAL MAGNESIUM IS ABOUT 99.9% PURE; CHIEF CONTAMINANTS ARE ALUMINUM COPPER IRON MANGANESE NICKEL & SILICON. MAGNESIUM OF HIGH PURITY IS OBTAINED BY DISTILLATION OF IMPURE METAL IN VACUO.

SILICON

ID: 7440-21-3

%: 20-40	GS: LT-UNK	RC: None	NANO: No	ROLE: Metal alloy
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None Found	No warnings found on HPD Priority Lists			

SUBSTANCE NOTES: Per the PubChem database: Impurities: Boron aluminum; garium; indium; germanium; tin; phosphorus; arsenic; antimony; copper; oxygen; sulfur; iron; tellurium. No actual quantities are listed so the threshold level is unknown. This is not listed in Quartz.

IRON

ID: 7439-89-6

%: < 35	GS: LT-P1	RC: None	NANO: No	ROLE: Metal alloy
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
END	TEDX - Potential Endocrine Disruptor		Potential Endocrine Disruptor	

SUBSTANCE NOTES: Quartz database reports no known hazardous impurities. PubChem only lists impurities for pig iron and without concentrations: silicon sulfur phosphorus manganese and carbon.

CHROMIUM METALLIC

ID: 7440-47-3

%: < 10	GS: LT-P1	RC: None	NANO: No	ROLE: Metal alloy
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
END	TEDX - Potential Endocrine Disruptor		Potential Endocrine Disruptor	

RES	AOEC - Asthmagens	Rs
SKI	MAK	Sh

SUBSTANCE NOTES: In accordance with the HPD guide on special circumstances: The threshold applied to Residuals and Impurities (R/I) should be the same as the threshold applied to intentionally added substances in terms of level (i.e. 100 ppm 1000 ppm per SDS etc.) and whether applied to each homogenous Material or to the Product as a whole. No impurities are noted at the threshold of 100 ppm.

COPPER

ID: 7440-50-8

#: < 10	GS: LT-P1	RC: None	NANO: No	ROLE: Metal alloy
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
GEN	New Zealand - GHS		6.6A	
MUL	German FEA - Substances Hazardous to Waters		2	

SUBSTANCE NOTES: In accordance with the HPD guide on special circumstances: The threshold applied to Residuals and Impurities (R/I) should be the same as the threshold applied to intentionally added substances in terms of level (i.e. 100 ppm 1000 ppm per SDS etc.) and whether applied to each homogenous Material or to the Product as a whole. No impurities are noted at the threshold of 100 ppm.

MANGANESE

ID: 7439-96-5

#: 1-10	GS: LT-P1	RC: None	NANO: No	ROLE: Metal alloy
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
END	TEDX - Potential Endocrine Disruptor		Potential Endocrine Disruptor	
MUL	German FEA - Substances Hazardous to Waters		2	
REP	Japan - GHS	Reproductive toxicityCategory 1B		

SUBSTANCE NOTES: In accordance with the HPD guide on special circumstances: The threshold applied to Residuals and Impurities (R/I) should be the same as the threshold applied to intentionally added substances in terms of level (i.e. 100 ppm 1000 ppm per SDS etc.) and whether applied to each homogenous Material or to the Product as a whole. No impurities are noted at the threshold of 100 ppm.

TITANIUM

ID: 7440-32-6

#: < 10	GS: LT-UNK	RC: None	NANO: No	ROLE: Metal alloy
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None Found	No warnings found on HPD Priority Lists			

SUBSTANCE NOTES: In accordance with the HPD guide on special circumstances: The threshold applied to Residuals and Impurities (R/I) should be the same as the threshold applied to intentionally added substances in terms of level (i.e. 100 ppm 1000 ppm per SDS etc.) and whether applied to each homogenous Material or to the Product as a whole. No impurities are noted at the threshold of 100 ppm.

ZINC

ID: 7440-66-6

#: < 10	GS: LT-P1	RC: None	NANO: No	ROLE: Metal alloy
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
AQU	EU - GHS (H-Statements)		H410	
AQU	EU - GHS (H-Statements)		H400	
END	TEDX - Potential Endocrine Disruptor		Potential Endocrine Disruptor	
MUL	German FEA - Substances Hazardous to Waters		2	
PHY	EU - GHS (H-Statements)		H260	
PHY	EU - GHS (H-Statements)		H250	

SUBSTANCE NOTES: In accordance with the HPD guide on special circumstances: The threshold applied to Residuals and Impurities (R/I) should be the same as the threshold applied to intentionally added substances in terms of level (i.e. 100 ppm 1000 ppm per SDS etc.) and whether applied to each homogenous Material or to the Product as a whole. No impurities are noted at the threshold of 100 ppm.

MILD STEEL (CARBON STEEL)

%: 20.68-24.04

HPD URL:

MATERIAL THRESHOLD:

RESIDUALS AND IMPURITIES CONSIDERED: Considered

RESIDUAL/IMPURITIES NOTES: Residuals and impurities screened using the toxnet database

OTHER MATERIAL NOTES: The chemical composition of steel is from averaging several sources including the Quartz database. No actual tests were performed on the actual materials used for these parts. All residuals and impurities are based on the toxnet database and are not a guarantee of presence in the actual material. They are listed for reference only.

IRON

ID: 7439-89-6

%: 98 GS: LT-P1 RC: None NANO: No ROLE: Base Metal

HAZARD TYPE **AGENCY AND LIST TITLES** **WARNINGS**

END **TEDX - Potential Endocrine Disruptor** **Potential Endocrine Disruptor**

SUBSTANCE NOTES: Quartz database reports no known hazardous impurities. PubChem only lists impurities for pig iron and without concentrations: silicon sulfur phosphorus manganese and carbon.

NICKEL (METALLIC)

ID: 7440-02-0

%: 0.01-0.66 GS: LT-1 RC: None NANO: No ROLE: Plating metal

HAZARD TYPE **AGENCY AND LIST TITLES** **WARNINGS**

CAN	CA EPA - Prop 65	cancer
CAN	EU - Annex VI CMRs	Carc. 2
CAN	EU - GHS (H-Statements)	H351
CAN	IARC	1
CAN	IARC	2B
CAN	MAK	Carc. 1
CAN	US NIH - Report on Carcinogens	Reasonably Anticipated to be Human Carcinogen
CAN	US NIH - Report on Carcinogens	Known Carcinogen
MAM	EU - GHS (H-Statements)	H372
MUL	German FEA - Substances Hazardous to Waters	2
RES	AOEC - Asthmagens	Rs
RES	MAK	Sah
SKI	EU - GHS (H-Statements)	H317

SUBSTANCE NOTES: Per the PubChem database: Commercial nickel metal is more than 99.5% pure and may be in the form of square plates powder briquets pellets ingots disks or shot.

GRAPHITE

ID: 7440-44-0

%: 0.25-0.29 GS: LT-UNK RC: None NANO: No ROLE: Alloy element

HAZARD TYPE **AGENCY AND LIST TITLES** **WARNINGS**

None Found **No warnings found on HPD Priority Lists**

SUBSTANCE NOTES: In accordance with the HPD guide on special circumstances: The threshold applied to Residuals and Impurities (R/I) should be the same as the threshold applied to intentionally added substances in terms of level (i.e. 100 ppm 1000 ppm per SDS etc.) and whether applied to each homogenous Material or to the Product as a whole. No impurities are noted at the threshold of 100 ppm.

SILICON

ID: 7440-21-3

%: 0.28	GS: LT-UNK	RC: None	NANO: No	ROLE: Alloy element
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None Found	No warnings found on HPD Priority Lists			

SUBSTANCE NOTES: In accordance with the HPD guide on special circumstances: The threshold applied to Residuals and Impurities (R/I) should be the same as the threshold applied to intentionally added substances in terms of level (i.e. 100 ppm 1000 ppm per SDS etc.) and whether applied to each homogenous Material or to the Product as a whole. No impurities are noted at the threshold of 100 ppm.

13-BENZENEDICARBOXYLIC ACID POLYMER WITH 14-BENZENEDICARBOXYLIC ACID 22-DIMETHYL-13-PROPANEDIOL 12-ETHANEDIOL AND HEXANEDIOIC ACID

ID: 40471-09-8

%: < 0.216	GS: LT-UNK	RC: UNK	NANO: No	ROLE: Binder
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None Found	No warnings found on HPD Priority Lists			

SUBSTANCE NOTES: In accordance with the HPD guide on special circumstances: The threshold applied to Residuals and Impurities (R/I) should be the same as the threshold applied to intentionally added substances in terms of level (i.e. 100 ppm 1000 ppm per SDS etc.) and whether applied to each homogenous Material or to the Product as a whole. No impurities are noted at the threshold of 100 ppm.

MANGANESE

ID: 7439-96-5

%: 0.1	GS: LT-P1	RC: None	NANO: No	ROLE: Alloy element
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
END	TEDX - Potential Endocrine Disruptor		Potential Endocrine Disruptor	
MUL	German FEA - Substances Hazardous to Waters		2	
REP	Japan - GHS		Reproductive toxicityCategory 1B	

SUBSTANCE NOTES: In accordance with the HPD guide on special circumstances: The threshold applied to Residuals and Impurities (R/I) should be the same as the threshold applied to intentionally added substances in terms of level (i.e. 100 ppm 1000 ppm per SDS etc.) and whether applied to each homogenous Material or to the Product as a whole. No impurities are noted at the threshold of 100 ppm.

BARIUM SULFATE

ID: 7727-43-7

%: < 0.083	GS: LT-UNK	RC: UNK	NANO: No	ROLE: Filler
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None Found	No warnings found on HPD Priority Lists			

SUBSTANCE NOTES: In accordance with the HPD guide on special circumstances: The threshold applied to Residuals and Impurities (R/I) should be the same as the threshold applied to intentionally added substances in terms of level (i.e. 100 ppm 1000 ppm per SDS etc.) and whether applied to each homogenous Material or to the Product as a whole. No impurities are noted at the threshold of 100 ppm.

PHOSPHORUS

ID: 7723-14-0

%: 0.04-0.06	GS: BM-2	RC: None	NANO: No	ROLE: Alloy element
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
DEV	G&L - Neurotoxic Chemicals		Neurotoxicity	
MAM	US EPA - EPCRA Extremely Hazardous Substances		Extremely Hazardous Substances	
PHY	EU - GHS (H-Statements)		H228	

SUBSTANCE NOTES: In accordance with the HPD guide on special circumstances: The threshold applied to Residuals and Impurities (R/I) should be the same as the threshold applied to intentionally added substances in terms of level (i.e. 100 ppm 1000 ppm per SDS etc.) and whether applied to each homogenous Material or to the Product as a whole. No impurities are noted at the threshold of 100 ppm.

SULFUR ELEMENTAL

ID: 7704-34-9

%: 0.05	GS: LT-UNK	RC: None	NANO: No	ROLE: Alloy element
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
SKI	EU - GHS (H-Statements)		H315	

SUBSTANCE NOTES: In accordance with the HPD guide on special circumstances: The threshold applied to Residuals and Impurities (R/I) should be the same as the threshold applied to intentionally added substances in terms of level (i.e. 100 ppm 1000 ppm per SDS etc.) and whether applied to each homogenous Material or to the Product as a whole. No impurities are noted at the threshold of 100 ppm.

POLYOXYMETHYLENE COPOLYMER

%: 6.8-7.27

HPD URL:

MATERIAL THRESHOLD: RESIDUALS AND IMPURITIES CONSIDERED: Considered

RESIDUAL/IMPURITIES NOTES: Residuals and impurities screened using the toxnet database

OTHER MATERIAL NOTES: No actual tests were performed on the physical materials used for these parts. All residuals and impurities are based on the toxnet database and are not a guarantee of presence in the actual material. They are listed for reference only.

135-TRIOXANE POLYMER WITH 13-DIOXOLANE

ID: 24969-26-4

%: 97-99.99	GS: LT-UNK	RC: None	NANO: No	ROLE: Polymer
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None Found	No warnings found on HPD Priority Lists			

SUBSTANCE NOTES: In accordance with the HPD guide on special circumstances: The threshold applied to Residuals and Impurities (R/I) should be the same as the threshold applied to intentionally added substances in terms of level (i.e. 100 ppm 1000 ppm per SDS etc.) and whether applied to each homogenous Material or to the Product as a whole. No impurities are noted at the threshold of 100 ppm.

THERMOPLASTIC POLYMER COMPOSITE

%: 1.21-5.19

HPD URL:

MATERIAL THRESHOLD: RESIDUALS AND IMPURITIES CONSIDERED: Considered

RESIDUAL/IMPURITIES NOTES: Residuals and impurities screened using the toxnet database

OTHER MATERIAL NOTES: No actual tests were performed on the physical materials used for these parts. All residuals and impurities are based on the toxnet database and are not a guarantee of presence in the actual material. They are listed for reference only. This inventory is based on a generic specification. The manufacturer would not release their actual inventory.

NYLON 6

ID: 25038-54-4

%: 30-70	GS: LT-UNK	RC: None	NANO: No	ROLE: Main polymer
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None Found	No warnings found on HPD Priority Lists			

SUBSTANCE NOTES: In accordance with the HPD guide on special circumstances: The threshold applied to Residuals and Impurities (R/I) should be the same as the threshold applied to intentionally added substances in terms of level (i.e. 100 ppm 1000 ppm per SDS etc.) and whether applied to each homogenous Material or to the Product as a whole. No impurities are noted at the threshold of 100 ppm.

GLASS OXIDE CHEMICALS

ID: 65997-17-3

%: < 30	GS: LT-UNK	RC: None	NANO: No	ROLE: Reinforcer
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None Found	No warnings found on HPD Priority Lists			

SUBSTANCE NOTES: In accordance with the HPD guide on special circumstances: The threshold applied to Residuals and Impurities (R/I) should be the same as the threshold applied to intentionally added substances in terms of level (i.e. 100 ppm

1000 ppm per SDS etc.) and whether applied to each homogenous Material or to the Product as a whole. No impurities are noted at the threshold of 100 ppm.

POLAMIDE 6

#: 3.34-4.86

HPD URL:

MATERIAL THRESHOLD:

RESIDUALS AND IMPURITIES CONSIDERED: Considered

RESIDUAL/IMPURITIES NOTES: Residuals and impurities screened using the toxnet database

OTHER MATERIAL NOTES: In accordance with the HPD guide on special circumstances: The threshold applied to Residuals and Impurities (R/I) should be the same as the threshold applied to intentionally added substances in terms of level (i.e. 100 ppm 1000 ppm per SDS etc.) and whether applied to each homogenous Material or to the Product as a whole. No impurities are noted at the threshold of 100 ppm.

POLY[IMINO(16-DIOXO-16- HEXANEDIYL)IMINO-16-HEXANEDIYL]

ID: 32131-17-2

#: 100

GS: LT-UNK

RC: UNK

NANO: No

ROLE: Polymer

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

None Found

No warnings found on HPD Priority Lists

SUBSTANCE NOTES: In accordance with the HPD guide on special circumstances: The threshold applied to Residuals and Impurities (R/I) should be the same as the threshold applied to intentionally added substances in terms of level (i.e. 100 ppm 1000 ppm per SDS etc.) and whether applied to each homogenous Material or to the Product as a whole. No impurities are noted at the threshold of 100 ppm.

CHROME STEEL

#: 1-1.8

HPD URL:

MATERIAL THRESHOLD:

RESIDUALS AND IMPURITIES CONSIDERED: Considered

RESIDUAL/IMPURITIES NOTES: Residuals and impurities screened using the toxnet database

OTHER MATERIAL NOTES: The chemical composition for chrome steel is from ANSI standard 14400. The actual parts were not tested. In addition all residual and impurity data is from peer reviewed journal articles and scientific data. Residuals and impurities are listed for reference only.

IRON

ID: 7439-89-6

#: 96.785-97.77

GS: LT-P1

RC: None

NANO: No

ROLE: Base metal

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

END

TEDX - Potential Endocrine Disruptor

Potential Endocrine Disruptor

SUBSTANCE NOTES: Quartz database reports no known hazardous impurities. PubChem only lists impurities for pig iron and without concentrations: silicon sulfur phosphorus manganese and carbon.

CHROMIUM(VI)

ID: 18540-29-9

#: 0.8-1

GS: LT-1

RC: None

NANO: No

ROLE: Alloy element

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

AQU

EU - GHS (H-Statements)

H400

AQU

EU - GHS (H-Statements)

H410

CAN

CA EPA - Prop 65

cancer

CAN

EU - Annex VI CMRs

Carc. 1B

CAN

EU - GHS (H-Statements)

H350i

CAN

EU - REACH Annex XVII CMRs

Entry 28 — Carcinogens: category 1B (Table 3.1)/category 2 (Table 3.2)

CAN

IARC

1

CAN

MAK

Carc. 1

CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	US EPA - IRIS Carcinogens	A (Human carcinogen)
CAN	US EPA - IRIS Carcinogens	Known/likely human carcinogen
CAN	US NIH - Report on Carcinogens	Known Carcinogen
DEV	CA EPA - Prop 65	developmental
END	TEDX - Potential Endocrine Disruptor	Potential Endocrine Disruptor
REP	CA EPA - Prop 65	male
REP	CA EPA - Prop 65	female
SKI	EU - GHS (H-Statements)	H317

SUBSTANCE NOTES: In accordance with the HPD guide on special circumstances: The threshold applied to Residuals and Impurities (R/I) should be the same as the threshold applied to intentionally added substances in terms of level (i.e. 100 ppm 1000 ppm per SDS etc.) and whether applied to each homogenous Material or to the Product as a whole. No impurities are noted at the threshold of 100 ppm.

MANGANESE

ID: 7439-96-5

%: 0.75-1	GS: LT-P1	RC: None	NANO: No	ROLE: Alloy element
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
END	TEDX - Potential Endocrine Disruptor		Potential Endocrine Disruptor	
MUL	German FEA - Substances Hazardous to Waters		2	
REP	Japan - GHS		Reproductive toxicityCategory 1B	

SUBSTANCE NOTES: In accordance with the HPD guide on special circumstances: The threshold applied to Residuals and Impurities (R/I) should be the same as the threshold applied to intentionally added substances in terms of level (i.e. 100 ppm 1000 ppm per SDS etc.) and whether applied to each homogenous Material or to the Product as a whole. No impurities are noted at the threshold of 100 ppm.

POLYCARBONATE

%: 0.66-0.76

HPD URL:

MATERIAL THRESHOLD: RESIDUALS AND IMPURITIES CONSIDERED: Considered

RESIDUAL/IMPURITIES NOTES: Residuals and impurities screened using the toxnet database

OTHER MATERIAL NOTES: No actual tests were performed on the physical materials used for these parts. All residuals and impurities are based on the toxnet database and are not a guarantee of presence in the actual material. They are listed for reference only.

13-DIOXOLAN-2-ONE

ID: 96-49-1

%: < 75	GS: BM-1	RC: None	NANO: No	ROLE: Binding agent
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
None Found	No warnings found on HPD Priority Lists			

SUBSTANCE NOTES: In accordance with the HPD guide on special circumstances: The threshold applied to Residuals and Impurities (R/I) should be the same as the threshold applied to intentionally added substances in terms of level (i.e. 100 ppm 1000 ppm per SDS etc.) and whether applied to each homogenous Material or to the Product as a whole. No impurities are noted at the threshold of 100 ppm.

BISPHENOL A

ID: 80-05-7

%: < 75	GS: LT-1	RC: None	NANO: No	ROLE: Polymer
HAZARD TYPE	AGENCY AND LIST TITLES		WARNINGS	
END	EU - Priority Endocrine Disrupters I			

END	TEDX - Potential Endocrine Disruptor	Potential Endocrine Disruptor
EYE	EU - GHS (H-Statements)	H318
MUL	ChemSec - SIN List	Bisphenol A is classified as being toxic to reproduction and has been identified as an SVHC due to its endocrine disrupting properties for human health and the environment.
MUL	German FEA - Substances Hazardous to Waters	3
PBT	OSPAR - Priority PBTs & EDs & equivalent concern	PBT - substance of possible concern (Part B)
REP	CA EPA - Prop 65	female
REP	EU - Annex VI CMRs	Repr. 1B
REP	EU - GHS (H-Statements)	H360F
REP	Japan - GHS	Reproductive toxicityCategory 1B
RESTRICTED LIST	US EPA - PPT Chemical Action Plans	EPA Chemical of Concern - Action Plan published
SKI	EU - GHS (H-Statements)	H317
SKI	MAK	SP

SUBSTANCE NOTES: In accordance with the HPD guide on special circumstances: The threshold applied to Residuals and Impurities (R/I) should be the same as the threshold applied to intentionally added substances in terms of level (i.e. 100 ppm 1000 ppm per SDS etc.) and whether applied to each homogenous Material or to the Product as a whole. No impurities are noted at the threshold of 100 ppm.



Section 3: Certifications and Compliance

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

VOC EMISSIONS

CERTIFYING PARTY: Rollease Acmedaa

EXPIRY DATE: None

APPLICABLE FACILITIES: This is not a facility specific certification.

CERTIFICATE URL:

CERTIFICATE AND COMPLIANCE NOTES:

Supplier Declaration of Conformity and Claim of Low VOC Content
S45 Chain Control Roller Shade Series and CF90 Fascia system components

CPDH v1.2

ISSUE DATE:

CERTIFIER OR LAB: Berkeley Analytical

The voc assessment for the vocs off gassed by the system components S45 Chain Control Roller Shade Series and CF90 Fascia system components referred to for the test as Kit 3 distributed by Rollease Acmeda was tested by Berkley Analytical in test report number 1135-002-03A-Mar2119

Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers Version 1.2 was performed with the intent of determining the state of compliance of the materials for USGBC LEED v4 MR credit for Low Emitting Materials. A complete listing of all system components included in the tested system products Kit 3: S45 Chain Control Roller Shade Series and CF90 Fascia system components are detailed in Table 1. All calculations

and assumptions are based on the model data that is for predicted voc concentration in air in 30.6 m3 of an indoor environment. For purposes of the report and subsequent calculations it is referred to Private Office (30.6 m3).

In accordance with the Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers Version 1.2 as prepared by the California Department of Public Health dated January 2017 Section 8.7.1.5

"A range of product models brands and/or styles with varying characteristics may be grouped together for testing purposes if the products can be expected to have virtually the same performance during testing and use. A test group shall only include models which are made using the same production methods and are comprised of the same product ingredients (formulation). The test sample shall be selected from the model in the group that can be expected to give the worst results for the test taking into consideration special attributes materials methods of manufacturing suppliers etc." (2)

This allows for the full line of system components distributed by Rollease Acmeda to be listed in Table 1. An excerpt from the full reports by Berkeley Analytical number 1135-002-03A-Mar2119 are included as evidence of the full system tested.

Section 4: Accessories

This section lists related products or materials that the manufacturer requires or recommends for installation (such as adhesives or fasteners), maintenance, cleaning, or operations. For information relating to the contents of these related products, refer to their applicable Health Product Declarations, if available.

No accessories are required for this product

Section 5: General Notes

This HPD includes all the system parts for the S45 system. accessories for this system are the shade fabrics by Textstlye by Rollease Acmeda. Those textiles are listed in the accessory section of this HPD. Any electronic components in this system are below the 10% threshold and are completely encased. As per the special instructions per HPD they are not included in this inventory. Electronic components may or may not be present in the installed system.



Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER:
ADDRESS:
750 E. Main Street Stamford CT 06902 United States of America

CONTACT NAME: Geremie Giancola
TITLE: Commercial Group Manager - North America
PHONE: (800) 552-5100
EMAIL: geremie.giancola@rolleseeacmeda.com

WEBSITE: <https://rolleseeacmedacontract.com>

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)	LT-1 List Translator Likely Benchmark 1
BM-2 Benchmark-2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown (insufficient information from List Translator lists to benchmark)
BM-1 Benchmark-1 (avoid – chemical of high concern)	NoGS Unknown (no data on List Translator Lists)
BM-U Benchmark Unspecified (insufficient data to benchmark)	

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 Terms

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 nanoscale particles or nanotechnology

Third Party Verified Verification by independent certifier approved by HPDC

Preparer Third party preparer, if not self-prepared by manufacturer

Applicable facilities Manufacturing sites to which testing applies

The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1.1 is not:

-a method for the assessment of exposure or risk associated with product handling or use,

-a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.

Information about life cycle, exposure and/or risk assessments performed on the product may be reported by the manufacturer in appropriate notes sections, and/or, where applicable, in the Certifications section.

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

The product manufacturer and any applicable independent verifier are solely responsible for the accuracy of statements and claims made in this HPD and for compliance with the HPD standard noted.