

HPD UNIQUE IDENTIFIER: 2082745344

CLASSIFICATION: 09 53 00 Acoustical Ceiling Suspension Assemblies

PRODUCT DESCRIPTION: Aluminium tiles, linear and baffles component with/without perforations with polyester powder coat finish. For use with the following SAS Ceiling systems: SAS120, SAS130, SAS140, SAS150, SAS170, SAS175 SAS200, SAS205, SAS320, SAS330, SAS335, SAS 380, SAS385, SAS500, SAS510, SAS600, SAS700, SAS710, SAS720, SAS750, SAS800, SAS810, SAS900.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Inventory Reporting Format	Threshold Level	Residuals/Impurities Evaluation	<i>For all contents above the threshold, the manufacturer has:</i>
☐ Nested Materials Method	☐ 100 ppm	☒ Completed	Characterized ☒ Yes ☐ No
☒ Basic Method	☒ 1,000 ppm	☐ Partially Completed	<i>Provided weight and role.</i>
Threshold Disclosed Per	☐ Per GHS SDS	☐ Not Completed	Screened ☒ Yes ☐ No
☐ Material	☐ Other	Explanation(s) provided :	<i>Provided screening results using HPDC-approved methods.</i>
☒ Product		☒ Yes ☐ No	Identified ☒ Yes ☐ No
			<i>Provided name and CAS RN or other identifier.</i>

CONTENT IN DESCENDING ORDER OF QUANTITY

Summary of product contents and results from screening individual chemical substances against HPD Priority Hazard Lists and the GreenScreen for Safer Chemicals®. The HPD does not assess whether using or handling this product will expose individuals to its chemical substances or any health risk. Refer to Section 2 for further details.

PRODUCT | MATERIAL OR SUBSTANCE | RESIDUAL OR IMPURITY
GREENSCREEN SCORE | HAZARD TYPE

SAS ALUMINUM CEILING SYSTEMS [ALUMINUM BM-1 | END | MAM |
PHY BIS(2,3-EPOXYPROPYL) TEREPHTHALATE LT-P1 | MUL 3,9-
BIS(2,4-DI-TERT-BUTYLPHENOXY)-2,4,8,10-TETRAOXA-3,9-
DIPHOSPHA(V)SPIRO[5.5]UNDECANE-3,9-DIONE NoGS TITANIUM
DIOXIDE (PRIMARY CASRN IS 13463-67-7) BM-1 | CAN | END | MAM]

Number of Greenscreen BM-4/BM3 contents ... 0

Contents highest-concern GreenScreen score(s) (BM-1, LT-1, LT-P1) ...
BM-1, LT-P1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Residuals/impurities in selected raw materials are quantitatively measured and displayed in the HPD when greater than 1000 ppm

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: Eurofins Indoor Air Comfort GOLD - certified product

VOC content: CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario

Multi-attribute: Cradle to Cradle Certified - Bronze (V3.1)

Cradle To Cradle Version 4.0 Bronze Level Material Health Certificate: C2CPH Material Health Certificate - Bronze (V3.1)

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Option 1.

Pre-checked for LEED v4.1 Option 1.

Third Party Verified?	PREPARER: Self-Prepared	SCREENING DATE: 2024-07-08
☐ Yes	VERIFIER:	PUBLISHED DATE: 2024-07-08
☒ No	VERIFICATION #:	EXPIRY DATE: 2027-07-08

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

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

Definitions and requirements for the three inventory methods and requirements for each data field can be found in the HPD Open Standard version 2.3, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-3-standard

SAS ALUMINUM CEILING SYSTEMS

PRODUCT THRESHOLD: 1000 ppm

RESIDUALS AND IMPURITIES EVALUATION COMPLETED: Yes

RESIDUALS AND IMPURITIES NOTES: Residuals/impurities in selected raw materials are quantitatively measured and displayed in the HPD when greater than 1000 pp

OTHER PRODUCT NOTES: This declaration should be read in conjunction with product Safety Data Sheet

ALUMINUM					ID: 7429-90-5
HAZARD DATA SOURCE: Pharos Chemical and Materials Library			HAZARD SCREENING DATE: 2024-07-08 4:01:07		
%: 95.0000 - 98.0000	GreenScreen: BM-1	RC: Both	NANO: No	SUBSTANCE ROLE: Structure component	
HAZARD TYPE	LIST NAME AND SOURCE		WARNINGS		
END	TEDX - Potential Endocrine Disruptors		Potential Endocrine Disruptor		
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		H370 - Causes damage to organs [Specific target organs/systemic toxicity following single exposure - Category 1]		
PHY	GHS - Japan		H261 - In contact with water releases flammable gas [Substances and mixtures, which in contact with water, emit flammable gases - Category 2]		
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		Pyrophoric solids category 1		
ADDITIONAL LISTINGS	LIST NAME AND SOURCE		NOTIFICATION		
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)		C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022		
			Biological and Environmentally Released Materials		
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CPII)		C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022		
			Children's Products		

SUBSTANCE NOTES: Residuals/impurities in selected raw materials are quantitatively measured and displayed in the HPD when greater than 1000 ppm

BIS(2,3-EPOXYPROPYL) TEREPHTHALATE

ID: 7195-44-0

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-07-08 4:01:07

%: 1.0000 - 2.0000

GreenScreen: LT-P1

RC: None

NANO: No

SUBSTANCE ROLE: Powder coating

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
MUL	German FEA - Substances Hazardous to Waters	Class 3 - Severe Hazard to Waters

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

SUBSTANCE NOTES: Substance is bound within the coating and is not inhalable. It is not in a respirable form in the finished product

3,9-BIS(2,4-DI-TERT-BUTYLPHENOXY)-2,4,8,10-TETRAOXA-3,9-DIPHOSPHA(V)SPIRO[5.5]UNDECANE-3,9-DIONE

ID: 97994-11-1

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-07-08 4:01:07

%: 0.0000 - 1.0000

GreenScreen: NoGS

RC: None

NANO: No

SUBSTANCE ROLE: Powder coating

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 is bound within the coating and is not inhalable. It is not in a respirable form in the finished product

TITANIUM DIOXIDE (PRIMARY CASRN IS 13463-67-7)

ID: 98084-96-9

HAZARD DATA SOURCE: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2024-07-08 4:01:07

%: 1.0000 - 1.0000

GreenScreen: BM-1

RC: UNK

NANO: No

SUBSTANCE ROLE: Powder coating

HAZARD TYPE	LIST NAME AND SOURCE	WARNINGS
CAN	US CDC - Occupational Carcinogens	Occupational Carcinogen
CAN	CA EPA - Prop 65	Carcinogen - specific to chemical form or exposure route
CAN	IARC	Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
CAN	MAK	Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value
END	TEDX - Potential Endocrine Disruptors	Potential Endocrine Disruptor
CAN	MAK	Carcinogen Group 4 - Non-genotoxic carcinogen with low risk under MAK/BAT levels
CAN	IARC	Group 2b - Possibly carcinogenic to humans
CAN	EU - GHS (H-Statements) Annex 6 Table 3-1	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
CAN	GHS - Japan	H351 - Suspected of causing cancer [Carcinogenicity - Category 2]
MAM	GHS - Japan	H372 - Causes damage to organs through prolonged or repeated exposure [Specific target organs/systemic toxicity following repeated exposure - Category 1]
ADDITIONAL LISTINGS	LIST NAME AND SOURCE	NOTIFICATION
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Children's Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Formulated Consumer Products
RESTRICTED LIST	Cradle to Cradle Products Innovation Institute (C2CP II)	C2C Certified v4.0 Product Standard Restricted Substances List (RSL) - Effective July 1, 2022 Cosmetics & Personal Care Products
POSITIVE LIST	US Environmental Protection Agency (US EPA)	US EPA - DfE Safer Chemicals Ingredients list (SCIL) Colorants - Green Circle (Verified Low Concern)
SUBSTANCE NOTES: Substance is bound within the coating and is not inhalable. It is not in a respirable form in the finished product		

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		Eurofins Indoor Air Comfort GOLD - certified product	
CERTIFYING PARTY: Third Party		ISSUE DATE: 2024-03-19 00:00:00	CERTIFIER OR LAB: Eurofin
APPLICABLE FACILITIES: SAS International UK		EXPIRY DATE: 2027-03-18 00:00:00	Product Testing
CERTIFICATE URL:			
CERTIFICATION AND COMPLIANCE NOTES: Eurofin Indoor Air Comfort Gold VOC Emissions test report			
VOC CONTENT		CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario	
CERTIFYING PARTY: Third Party		ISSUE DATE: 2024-03-21 00:00:00	CERTIFIER OR LAB: Eurofin
APPLICABLE FACILITIES: SAS International UK		EXPIRY DATE: 2027-03-21 00:00:00	Product Testing
CERTIFICATE URL:			
CERTIFICATION AND COMPLIANCE NOTES:			
MULTI-ATTRIBUTE		Cradle to Cradle Certified - Bronze (V3.1)	
CERTIFYING PARTY: Third Party		ISSUE DATE: 2023-03-24 00:00:00	CERTIFIER OR LAB: Cradle to
APPLICABLE FACILITIES: SAS International Manufacturing Plant UK		EXPIRY DATE: 2026-03-23 00:00:00	Cradle Products Innovation Institute
CERTIFICATE URL: https://c2ccertified.org/certified-products/sas-metal-acoustic-ceiling-systems			
CERTIFICATION AND COMPLIANCE NOTES: Cradle to Cradle Version 4 Bronze Level			
CRADLE TO CRADLE VERSION 4.0 BRONZE LEVEL MATERIAL HEALTH CERTIFICATE		C2CPH Material Health Certificate - Bronze (V3.1)	
CERTIFYING PARTY: Third Party		ISSUE DATE: 2023-03-23 00:00:00	CERTIFIER OR LAB: Cradle to
APPLICABLE FACILITIES: SAS International Manufacturing Plant UK		EXPIRY DATE: 2026-03-24 00:00:00	Cradle Products Innovation Institute
CERTIFICATE URL: https://c2ccertified.org/certified-products/sas-metal-acoustic-ceiling-systems			
CERTIFICATION AND COMPLIANCE NOTES: Cradle To Cradle Version 4.0 Bronze Level			
MULTI-ATTRIBUTE		GreenTag 3.1 - Silver - GreenRate Level A	
CERTIFYING PARTY: Third Party		ISSUE DATE: 2018-05-17 00:00:00	CERTIFIER OR LAB: Global Green
APPLICABLE FACILITIES: SAS International UK		EXPIRY DATE: 2026-06-19 00:00:00	Tag Pty Ltd
CERTIFICATE URL: https://www.globalgreentag.com/products/ceiling-systems/			
CERTIFICATION AND 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.

SAS ACOUSTIC BACKING
MANUFACTURER (OR GENERIC): SAS International

HPD URL: No HPD available

ACCESSORY TYPE: Installation Accessory

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES: SAS Acoustic Backing is optional

Section 5: General Notes

This HPD is provided solely for the intended purpose in connection with assessment of the product and for no other purpose. SAS International expresses no opinion or makes no representation to the applicability, accuracy or completeness of the form, or the standard, rules, classification, warnings or referenced therein. All information provided is qualified within the declaration by reference to applicable product Safety Data Sheet which can be accessed via www.sasintgroup.com.

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The data or applications do not necessarily represent an exhaustive list of applications for SAS products or performance. SAS International does not accept responsibility for the consequences of deficiency in product performance in applications different from those described within this declaration. Expert advice should be sought where such different applications are contemplated, or where the extent of any listed application is in doubt.

Steel

MANUFACTURER INFORMATION

MANUFACTURER: **SAS International**
ADDRESS: **SAS International**
WATERTON INDUSTRY ESTATE
Bridgend, --Not Applicable-- CF313XU
COUNTRY: **United Kingdom**

WEBSITE: **<https://sasintgroup.com/>**
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The listed contact is responsible for the validity of this HPD and attests that it is accurate and complete to the best of his or her knowledge.

KEY

Hazard Types

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

GreenScreen (GS)

BM-4 Benchmark 4 (prefer-safer chemical)	LT-P1 List Translator Possible 1 (Possible Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	LT-1 List Translator 1 (Likely Benchmark-1)
BM-2 Benchmark 2 (use but search for safer substitutes)	LT-UNK List Translator Benchmark Unknown
BM-1 Benchmark 1 (avoid - chemical of high concern)	NoGS No GreenScreen.
BM-U Benchmark Unspecified (due to insufficient data)	

GreenScreen Benchmark scores sometimes also carry subscripts, which provide more context for how the score was determined. These are DG (data gap), TP (transformation product), and CoHC (chemical of high concern). For more information, see 2.2.2.4 GreenScreen® for Safer Chemicals, www.greenscreenchemicals.org, and Best Practices for Hazard Screening on the HPDC website (hpd-collaborative.org).

Recycled Types

PreC Pre-consumer recycled content
PostC Post-consumer recycled content
UNK Inclusion of recycled content is unknown
None Does not include recycled content

Other Terms:

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

Inventory Methods:

Nested Method / Material Threshold	Substances listed within each material per threshold indicated per material
Nested Method / Product Threshold	Substances listed within each material per threshold indicated per product
Basic Method / Product Threshold	Substances listed individually per threshold indicated per product

Nano	Composed of nano scale particles or nanotechnology
Third Party Verified	Verification by independent certifier approved by HPDC
Preparer	Third party preparer, if not self-prepared by manufacturer
Applicable facilities	Manufacturing sites to which testing applies

The Health Product Declaration (HPD) Open Standard provides for the disclosure of product contents and potential associated human and environmental health hazards. Hazard associations are based on the HPD Priority Hazard Lists, the GreenScreen List Translator™, and when available, full GreenScreen® assessments. The HPD Open Standard v2.1 is not:

- a method for the assessment of exposure or risk associated with product handling or use,*
- a method for assessing potential health impacts of: (i) substances used or created during the manufacturing process or (ii) substances created after the product is delivered for end use.*

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

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

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

