

CLASSIFICATION: 090 53 23 Metal Acoustical Ceiling Suspension Assemblies

created via: HPDC Online Builder

PRODUCT DESCRIPTION: SAS205 is a suspended metal ceiling system with hook-on modular tiles and concealed grid. Standard 205 system is PCC finish.

Section 1: Summary

Basic 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

- Considered
 Partially Considered
 Not Considered

Explanation(s) provided for Residuals/Impurities?

- Yes No

Are All Substances Above the Threshold Indicated:

Characterized
Percent Weight and Role Provided? Yes No

Screened
Using Priority Hazard Lists with Results Disclosed? Yes No

Identified
Name and Identifier Provided? Yes No

CONTENT IN DESCENDING ORDER OF QUANTITY

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

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

SAS 205 CEILING SYSTEM (STEEL) [STEEL MANUFACTURE, CHEMICALS (STEEL MANUFACTURE, CHEMICALS) (GALVANISED STEEL) **LT-UNK** 6063 ALUMINUM (6063 ALUMINUM) **LT-P1** | RES | END | PHY BIS(2,3-EPOXYPROPYL) TEREPHTHALATE (BIS(2,3-EPOXYPROPYL) TEREPHTHALATE) **LT-P1** | MUL 2,4,8,10-TETRAOXA-3,9-DIPHOSPHASPIRO(5.5)UNDECANE, 3,9-BIS(2,4-BIS(1,1-DIMETHYLETHYL)PHENOXY)- (2,4,8,10-TETRAOXA-3,9-DIPHOSPHASPIRO(5.5)UNDECANE, 3,9-BIS(2,4-BIS(1,1-DIMETHYLETHYL)PHENOXY)-) **LT-UNK** TITANIUM DIOXIDE (TITANIUM DIOXIDE) **LT-1** | CAN | END]

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

INVENTORY AND SCREENING NOTES:

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 content: Eurofins Indoor Air Comfort GOLD - certified product

CONSISTENCY WITH OTHER PROGRAMS

Pre-checked for LEED v4 Material Ingredients, Option 1

Third Party Verified?

- Yes
 No

PREPARER: Self-Prepared
VERIFIER:
VERIFICATION #:

SCREENING DATE: 2018-01-23
PUBLISHED DATE: 2018-01-23
EXPIRY DATE: 2021-01-23

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 2.1, available on the HPDC website at: www.hpd-collaborative.org/hpd-2-1-standard

SAS 205 CEILING SYSTEM (STEEL)

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Yes

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

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

STEEL MANUFACTURE, CHEMICALS (STEEL MANUFACTURE, CHEMICALS) (GALVANISED STEEL)

ID: 65997-19-5

#: 90.0000 - 95.0000 GS: LT-UNK RC: Both NANO: No ROLE: Galvanised steel for tile and suspension system

HAZARDS:

AGENCY(IES) WITH WARNINGS:

None Found

No warnings found on HPD Priority lists

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

6063 ALUMINUM (6063 ALUMINUM)

ID: 7429-90-5

#: 3.0000 - 4.0000 GS: LT-P1 RC: Both NANO: No ROLE: Aluminum profile is part of the suspension system

HAZARDS:

AGENCY(IES) WITH WARNINGS:

RESPIRATORY

AOEC - Asthmagens

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

ENDOCRINE

TEDX - Potential Endocrine Disruptors

Potential Endocrine Disruptor

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H228 - Flammable solid

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H250 - Catches fire spontaneously if exposed to air

PHYSICAL HAZARD (REACTIVE)

EU - GHS (H-Statements)

H261 - In contact with water releases flammable gases

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

BIS(2,3-EPOXYPROPYL) TEREPHTHALATE (BIS(2,3-EPOXYPROPYL) TEREPHTHALATE)

ID: 7195-44-0

#: 0.3000 - 1.0000 GS: LT-P1 RC: None NANO: No ROLE: Binder/stabiliser

HAZARDS:	AGENCY(IES) WITH WARNINGS:	
MULTIPLE	German FEA - Substances Hazardous to Waters	Class 2 - Hazard to Waters
SUBSTANCE NOTES: Substance is bound within the coating and is not inhalable. It is not in a respirable form in the finished product		

2,4,8,10-TETRAOXA-3,9-DIPHOSPHASPIRO(5.5)UNDECANE, 3,9-BIS(2,4-BIS(1,1-DIMETHYLETHYL)PHENOXY)- (2,4,8,10-TETRAOXA-3,9-DIPHOSPHASPIRO(5.5)UNDECANE, 3,9-BIS(2,4-BIS(1,1-DIMETHYLETHYL)PHENOXY)-)

ID: 26741-53-7

%: 0.3000 - 1.0000	GS: LT-UNK	RC: None	NANO: No	ROLE: Binder/stabiliser
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
None Found	No warnings found on HPD Priority 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 (TITANIUM DIOXIDE)

ID: 13463-67-7

%: 0.1000 - 5.0000	GS: LT-1	RC: None	NANO: No	ROLE: Pigment within PPC coating/finish
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HAZARDS:	AGENCY(IES) WITH WARNINGS:
CANCER	US CDC - Occupational Carcinogens Occupational Carcinogen
CANCER	CA EPA - Prop 65 Carcinogen - specific to chemical form or exposure route
CANCER	IARC Group 2B - Possibly carcinogenic to humans - inhaled from occupational sources
ENDOCRINE	TEDX - Potential Endocrine Disruptors Potential Endocrine Disruptor
CANCER	MAK Carcinogen Group 3A - Evidence of carcinogenic effects but not sufficient to establish MAK/BAT value

SUBSTANCE NOTES: Titanium Dioxide is bound within the coating and is not inhalable. Therefore is not excluded from regulatory hazard lists. 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 CONTENT Eurofins Indoor Air Comfort GOLD - certified product

CERTIFYING PARTY: Third Party	ISSUE DATE: 2015-09-18	EXPIRY DATE:	CERTIFIER OR LAB: Eurofin
APPLICABLE FACILITIES: All			
CERTIFICATE URL: https://sasintgroup.com/			
SAS 205 Ceiling System (Steel)			
hpdrepository.hpdcollaborative.org			

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 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. SAS International reserves the right to review, alter or amend, remove published data without notice as our policy is one of constant improvement. The information contained in this data sheet is believed to be correct at the date of publication. Whilst SAS International will endeavour to keep its publications up to date, readers will appreciate that between publications there may be pertinent changes in the law, or other developments affecting the accuracy of the information contained in this data sheet. 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.

Section 6: References

MANUFACTURER INFORMATION

MANUFACTURER: **SAS International**

ADDRESS: **SAS International**

31 Sutton Business Park

Reading Berkshire RG6 1 AZ, United Kingdom

WEBSITE: <https://sasintgroup.com/>

CONTACT NAME: **Matthew Branigan**

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KEY

OSHA MSDS

Occupational Safety and Health Administration Material Safety Data Sheet

GHS SDS

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

Hazard Types

AQU Aquatic toxicity

CAN Cancer

DEV Developmental toxicity

END Endocrine activity

EYE Eye irritation/corrosivity

GEN Gene mutation

GLO Global warming

MAM Mammalian/systemic/organ toxicity

MUL Multiple hazards

NEU Neurotoxicity

OZO Ozone depletion

PBT Persistent Bioaccumulative Toxic

PHY Physical Hazard (reactive)

REP Reproductive toxicity

RES Respiratory sensitization

SKI Skin sensitization/irritation/corrosivity

LAN Land Toxicity

NF Not found on Priority Hazard Lists

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 (insufficient data to benchmark)

LT-P1 List Translator Possible Benchmark 1

LT-1 List Translator Likely Benchmark 1

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

NoGS Unknown (no data on List Translator Lists)

Recycled Types

PreC Preconsumer (Post-Industrial)

PostC Postconsumer

Both Both Preconsumer and Postconsumer

Unk Inclusion of recycled content is unknown

None Does not include recycled content

Other 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 nano scale particles or nanotechnology

Third Party Verified Verification by independent certifier approved by HPDC

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

Applicable facilities Manufacturing sites to which testing applies

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

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

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

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

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