

HPD UNIQUE IDENTIFIER: 20366

CLASSIFICATION: 09 51 26 Acoustical Wood Ceilings

PRODUCT DESCRIPTION: SAS500 is a linear acoustic baffle system directly suspended from the soffit for exposed applications. Baffles can be suspended as individual modules or continual, unbroken runs. SYSTEM WEIGHT - 8.2KG/Lm (Based on standard 1200 x 350 x 52mm baffle) STANDARD MODULE LENGTHS (MM) - 1200, 1500,1800, 2400 STANDARD MODULE DEPTHS (MM) - 200, 350, 500 STANDARD WIDTH (MM) - 52 (Bespoke baffle sizes are available on request) FINISH - A range of both organic and engineered veneers offer an extensive choice when selecting a timber finish. Available plain or perforated , ACOUSTIC TREATMENT - Acoustic pad as standard to perforated baffles. (80Kg density mineral-wool pad with black tissue face).

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
- Other

Residuals/Impurities

- Considered
- Partially Considered
- Not Considered

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

One or more substances not screened using Priority Hazard Lists with results disclosed and/ or one or more Special Condition did not follow guidance.

Identified Yes Ex/SC Yes No

One or more substances not disclosed by Name (Specific or Generic) and Identifier and/ or one or more Special Condition did not follow guidance.

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 SYSTEM 500 TIMBER BAFFLE [WOOD FIBRE Not Screened RESIN BINDER Not Screened ORGANIC WOOD VENEER Not Screened PARAFFIN LT-UNK UREA, POLYMER WITH FORMALDEHYDE, ISOBUTYLATED LT-UNK UV ACRYLIC LACQUER Not Screened]

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

Contents highest concern GreenScreen Benchmark or List translator Score ... LT-UNK

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

Residuals/impurities in selected raw materials are quantitatively measured and displayed in the HPD when greater than 100 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: CDPH Standard Method V1.2 (Section 01350/CHPS) - Classroom & Office scenario

VOC content: Eurofins Indoor Air Comfort GOLD - certified product

Sustainable forestry: FSC Certification - Chain of Custody (COC)

Other: C2CPH Material Health Certificate - Bronze (V3.1)

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes

PREPARER: Self-Prepared

VERIFIER:

SCREENING DATE: 2020-06-08

PUBLISHED DATE: 2020-06-09



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

SAS SYSTEM 500 TIMBER BAFFLE

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Partially

RESIDUALS AND IMPURITIES NOTES: Structural core material of Medium Density fibreboard (MDF) is 80% plus wood fibre with a number of additives including UMF - Binder Resin (Cured) (CAS 25036-13-9), which has Emission Class E1 (EN ISO 12460-5). Paraffin Wax (CAS8002-74-2) to act is the waterproofing agent for MDF core material.

OTHER PRODUCT NOTES: SAS System 500 Timber Baffles is a composite product which use a core material of Medium Density fibreboard (MDF) to form the product structure. An extensive range of Organic FSC certified Wood Veneers are use to offer a range of finished surfaces to the baffle which them sealed with UV Acrylic lacquer. The products acoustic performance can be improved with the addition of perforations and acoustic insert/pad to the inside of the baffle.

WOOD FIBRE

ID: Not Registered

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-06-08

#: 89.0000 - 90.0000

GS: Not Screened

RC: Both

NANO: No

SUBSTANCE ROLE: Structure component

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening not performed

SUBSTANCE NOTES: Medium Density Fibreboard (MDF) is main structural core material of the product and is FSC certified.

RESIN BINDER

ID: Not Registered

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-06-08

#: 8.0000 - 12.0000

GS: Not Screened

RC: None

NANO: No

SUBSTANCE ROLE: Binder

HAZARD TYPE

AGENCY AND LIST TITLES

WARNINGS

Hazard Screening not performed

SUBSTANCE NOTES: Binder form up to 12% of MDF core material, also contains Urea and Ammonium Sulfate <0.1%

ORGANIC WOOD VENEER

ID: Unknown

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library

HAZARD SCREENING DATE: 2020-06-08

#: **3.0000 - 3.0000** GS: **Not Screened** RC: **None** NANO: **No** SUBSTANCE ROLE: **Structure component**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

Hazard Screening not performed

SUBSTANCE NOTES: **Organic wood veneer forms the decorative finish and is not applicable to CASRN**

PARAFFIN

ID: **8002-74-2**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-06-08**

#: **0.6000 - 0.6000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Water resistance**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **The paraffin Wax is used to add a waterproofing to the finished Medium Density Fibreboard (MDF) and part of the manufacturing process of this material**

UREA, POLYMER WITH FORMALDEHYDE, ISOBUTYLATED

ID: **68002-18-6**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-06-08**

#: **0.1000 - 0.1000** GS: **LT-UNK** RC: **None** NANO: **No** SUBSTANCE ROLE: **Adhesive**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

None found No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: **Adhesive used to bond wood veneer to MDF core material.**

UV ACRYLIC LACQUER

ID: **Unknown**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2020-06-08**

#: **0.1000 - 0.1000** GS: **Not Screened** RC: **None** NANO: **No** SUBSTANCE ROLE: **Coating**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

Hazard Screening not performed

SUBSTANCE NOTES: **Finished coating to product providing gloss, light reflectance, and surface protection**

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

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

CERTIFYING PARTY: **Third Party**
ISSUE DATE: **2020-03-08** EXPIRY DATE: **2023-03-03** CERTIFIER OR LAB: **Eurofins**
APPLICABLE FACILITIES: **All**
CERTIFICATE URL: <https://sasint.co.uk/info-hub/environmental-product-declarations/>
CERTIFICATION AND COMPLIANCE NOTES:

VOC CONTENT

Eurofins Indoor Air Comfort GOLD - certified product

CERTIFYING PARTY: **Third Party**
ISSUE DATE: **2020-03-15** EXPIRY DATE: **2023-03-12** CERTIFIER OR LAB: **Eurofins Scientific**
APPLICABLE FACILITIES: **All**
CERTIFICATE URL: <https://sasintgroup.com/info-hub/testing-standards/>
CERTIFICATION AND COMPLIANCE NOTES: **This certification is for SAS System 500 Timber Baffles as a complete product. For further information on the raw material performance, please contact SAS international.**

SUSTAINABLE FORESTRY

FSC Certification - Chain of Custody (COC)

CERTIFYING PARTY: **Third Party**
ISSUE DATE: **2017-12-03** EXPIRY DATE: **2022-12-04** CERTIFIER OR LAB: **BM TRADA**
APPLICABLE FACILITIES: **All**
CERTIFICATE URL: <https://sasintgroup.com/info-hub/sustainability/>
CERTIFICATION AND COMPLIANCE NOTES:

OTHER

C2CPII Material Health Certificate - Bronze (V3.1)

CERTIFYING PARTY: **Third Party**
ISSUE DATE: **2019-04-12** EXPIRY DATE: **2021-04-11** CERTIFIER OR LAB: **Cradle 2 Cradle**
APPLICABLE FACILITIES: **All**
CERTIFICATE URL:
CERTIFICATION AND COMPLIANCE NOTES: **Cradle 2 Cradle Bronze certification for Medium Density Fibreboard(MDF) - Core material.**

OTHER

EN 13964:2004 - Suspended ceilings - Formaldehyde Class E1

CERTIFYING PARTY: **Self-declared**
ISSUE DATE: **2018-08-26** EXPIRY DATE:
APPLICABLE FACILITIES: **All** CERTIFIER OR LAB: **N/A**
CERTIFICATE URL:
<https://www.finsa.com/publicaciones/doc-prod05.nsf/fichas11dop?OpenPage&Start=1&Count=800&Expand=3>
CERTIFICATION AND COMPLIANCE NOTES: **Declaration Of Performance to EN 13984:2004-a1:2015 Medium Density Fibreboard (MDF)**

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.

ACOUSTIC INFILL/PAD

HPD URL: <https://sasintgroup.com/info-hub/testing-standards/>

CONDITION WHEN RECOMMENDED OR REQUIRED AND/OR OTHER NOTES:

Acoustic Infill/pad is used with SAS system 500 Timber Baffle is perforated when improved acoustic performance is required.

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.



MANUFACTURER INFORMATION

MANUFACTURER: **SAS International**

ADDRESS: **SAS International Ltd**

28 Suttons Business Park London Road

Reading Berkshire RG6 1AZ, UK

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

CONTACT NAME: **Matthew Branigan**

TITLE: **Technical Compliance Manager**

PHONE: **0118 929 0900**

EMAIL: mbranigan@sasint.co.uk

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 (the chemical is present on at least one GreenScreen Specified List, but the information contained within the list did not result in a clear mapping to a LT-1 or LTP1 score.)

NoGS No GreenScreen.

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

