

HPD UNIQUE IDENTIFIER: 26205

CLASSIFICATION: 12 21 00 Window Blinds

PRODUCT DESCRIPTION: JM Silkshade Alu OF 3 FR is a PVC-free, flame retardant window blind based on Trevira CS polyester fibers. Among others its glare control and low thermal emissivity are JM Silkshades Alu OF 3 FR's main advantages. With an openness factor of 3 % it provides good visual contact to the outside while maintaining its textile appearance. It is available as roller and vertical blind.

Section 1: Summary

Basic Method / Product Threshold

CONTENT INVENTORY

Table with 4 columns: Inventory Reporting Format, Threshold level, Residuals/Impurities, and All Substances Above the Threshold Indicated Are: (Characterized, % weight and role provided, Screened, Identified).

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
JM SILKSHADE ALU OF 3 FR [POLYETHYLENE TEREPHTHALATE (PET) LT-UNK ISOPHTHALIC ACID TEREPHTHALIC ACID ETHYLENE GLYCOL POLYMER NoGS UNDISCLOSED NoGS STIFFENING BINDER Not Screened POLYURETHANE Not Screened ALUMINUM BM-1 | END | RES | PHY ORGANIC COLOUR DYE Not Screened]

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

Contents highest concern GreenScreen Benchmark or List translator Score ... BM-1

Nanomaterial ... No

INVENTORY AND SCREENING NOTES:

This declaration was created to the best of our knowledge. It does not exempt the processor of performing own tests and screening. In case of CAS RN# not known screening of substances, impurities and residuals could not be performed. All chemicals applied comply with REACH.

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: SCS Indoor Advantage Gold - Classroom & Office scenario

Other: OEKO-TEX Standard 100

Other: REACH European Union Regulation (EC) 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals

CONSISTENCY WITH OTHER PROGRAMS

No pre-checks completed or disclosed.

Third Party Verified?

- Yes
No

PREPARER: Self-Prepared

VERIFIER:
VERIFICATION #:

SCREENING DATE: 2021-07-28

PUBLISHED DATE: 2021-10-06
EXPIRY DATE: 2024-07-28

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

JM SILKSHADE ALU OF 3 FR

PRODUCT THRESHOLD: 100 ppm

RESIDUALS AND IMPURITIES CONSIDERED: Partially

RESIDUALS AND IMPURITIES NOTES: No evidence of residuals and impurities was identified by any supplier or found in our manufacturing process. The final products were not tested for existence of residuals or impurities. Potential residuals or impurities are listed in the respective substance section.

OTHER PRODUCT NOTES: This HPD covers a range of colors which leads to some variation in material composition of the finished product.

POLYETHYLENE TEREPHTHALATE (PET)

ID: 25038-59-9

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-07-28 7:24:15

#: 85.0000 - 95.0000 GS: LT-UNK RC: None NANO: No SUBSTANCE ROLE: Textile component

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: This substance is the base material for inherent flame-retardant polyester yarn - Polyethylene Terephthalate. Toxnot Substance Database lists no impurities or residuals for this substances. This substance may contain traces of Antimony Trioxide and Titanium Dioxide. Both these residuals, if present, are bound / encapsulated in PET-(polyester) fiber. Exposure to dust is not expected to occur. According to Pharos Database further potential impurities are listed as Manganese Oxide, Nitrogen and/or Zinc Oxide.

ISOPHTHALIC ACID TEREPHTHALIC ACID ETHYLENE GLYCOL POLYMER

ID: 24938-04-3

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-07-28 7:25:18

#: 5.0000 - 10.0000 GS: NoGS RC: None NANO: No SUBSTANCE ROLE: Textile component

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: This substance is the base material for inherent flame-retardant PET/PEiT Copolymer Hybrid-Yarn - Polyethylene Terephthalate. Toxnot Substance Database lists no impurities or residuals for this substances. This substance may contain traces of Antimony Trioxide and Titanium Dioxide. Both these residuals, if present, are bound / encapsulated in PET-(polyester) fiber. Exposure to dust is not expected to occur. In Pharos Database no potential impurities are listed.

UNDISCLOSED

ID: Undisclosed

HAZARD SCREENING METHOD: Pharos Chemical and Materials Library HAZARD SCREENING DATE: 2021-08-20 4:56:46

#: 1.0000 - 5.0000 GS: NoGS RC: None NANO: No SUBSTANCE ROLE: Flame retardant

HAZARD TYPE	AGENCY AND LIST TITLES	WARNINGS
None found		No warnings found on HPD Priority Hazard Lists

SUBSTANCE NOTES: This substance is registered under the REACH Regulation. According to the notifications provided by companies to ECHA in REACH registrations no hazards have been classified. Toxnot Substance Database and Pharos Database list no impurities or residuals for this substance.

STIFFENING BINDER

ID: **Unknown**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **Not Screened**

#: **1.0000 - 2.0000** GS: **Not Screened** RC: **None** NANO: **No** SUBSTANCE ROLE: **Binder**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

Hazard Screening not performed

SUBSTANCE NOTES: This substance consists of several CAS RN# or is unknown. Screening of residuals or impurities as well as stating a single CAS RN# is therefore not possible. All chemicals used comply with REACH.

POLYURETHANE

ID: **Unknown**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **Not Screened**

#: **1.0000 - 2.0000** GS: **Not Screened** RC: **None** NANO: **No** SUBSTANCE ROLE: **Curing agent**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

Hazard Screening not performed

SUBSTANCE NOTES: This substance consists of several CAS RN# or is unknown. Screening of residuals or impurities as well as stating a single CAS RN# is therefore not possible. Screening of residuals or impurities is therefore not possible. All chemicals used comply with REACH.

ALUMINUM

ID: **7429-90-5**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **2021-07-28 7:33:33**

#: **0.1000 - 0.5000** GS: **BM-1** RC: **None** NANO: **No** SUBSTANCE ROLE: **Coating**

HAZARD TYPE AGENCY AND LIST TITLES WARNINGS

END TEDX - Potential Endocrine Disruptors Potential Endocrine Disruptor

RES AOEC - Asthmagens Asthmagen (Rs) - sensitizer-induced

PHY EU - GHS (H-Statements) H228 - Flammable solid [Flammable solids - Category 1 or 2]

PHY EU - GHS (H-Statements) H261 - In contact with water releases flammable gases [Substances and mixtures which, in contact with water, emit flammable gases - Category 2 or 3]

SUBSTANCE NOTES: High purity metallic PVD (physical vapour deposition) aluminium coating. Pharos Database and Toxnot Database list no potential impurities or residuals.

ORGANIC COLOUR DYE

ID: **Unknown**

HAZARD SCREENING METHOD: **Pharos Chemical and Materials Library** HAZARD SCREENING DATE: **Not Screened**

#: **0.0000 - 1.0000** GS: **Not Screened** RC: **None** NANO: **No** SUBSTANCE ROLE: **Dye**

Hazard Screening not performed

SUBSTANCE NOTES: The chemical structures of colorants are dependent on the dyestuffs and pigments applied. Screening of residuals or impurities as well as stating one single CAS RN# is therefore not possible. All colorants applied are not classified as carcinogenic or allergenic nor banned and therefore are not excluded by Standard 100 by Oeko-Tex Annex 7, part 3 / part 4.

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	SCS Indoor Advantage Gold - Classroom & Office scenario		
CERTIFYING PARTY: Third Party	ISSUE DATE: 2020-11-	EXPIRY DATE: 2021-	CERTIFIER OR LAB: SCS Global
APPLICABLE FACILITIES: All	11	11-10	Services / eco-INSTITUT Germany
CERTIFICATE URL: https://www.jm-techtex.com/scs-indoor-advantage-gold			GmbH

CERTIFICATION AND COMPLIANCE NOTES: The SCS Indoor Advantage™ Gold certificate is a proof of a test regarding harmful emissions of fabrics and products in the interior. Fabrics certified by SCS contribute to a better room air quality. The certificate ensures that JM fabrics are certified according to the below standards and do not exceed the specified limits. It is comparable to Greenguard certificate. The certification by SCS Global Services is based on the testing of emissions according to Californian Standard CDPH Standard Method v1.2 (CA 01350). This standard is used internationally and acknowledged by most building certifications (LEED, BREEAM, WELL). In Europe, DIN EN ISO 16000-9 (new: DIN EN 16516) states a comparable test on which DGNB and BREEAM are based on.

OTHER	OEKO-TEX Standard 100		
CERTIFYING PARTY: Third Party	ISSUE DATE: 2020-12-	EXPIRY DATE: 2021-	CERTIFIER OR LAB: HOHENSTEIN
APPLICABLE FACILITIES: All	18	12-31	Textile Testing Institute GmbH &
CERTIFICATE URL: https://www.jm-techtex.com/oekotex			Co. KG

CERTIFICATION AND COMPLIANCE NOTES: Since 1972, the Oeko-Tex® Standard 100 has offered textile companies the opportunity to have their products' human ecological characteristics voluntarily tested and certified. Junkers & Müllers has had its entire sun shading, Mediatex and EventTex product ranges certified in accordance with the Oeko-Tex® Standard 100 IV and can therefore guarantee that its fabrics do not contain any harmful substances. The Oeko-Tex® label "Textile Trust" is a global synonym for responsible textiles manufacture – from raw materials through to the finished fabric. For the consumers, this label represents an important decision guidance. They can rest assured that they are buying high quality products, which are harmless to their health.

OTHER	REACH European Union Regulation (EC) 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals		
CERTIFYING PARTY: Self-declared	ISSUE DATE: 2021-07-	EXPIRY DATE: 2021-	CERTIFIER OR LAB: -
APPLICABLE FACILITIES: All	08	12-31	
CERTIFICATE URL: https://www.jm-techtex.com/reach			

CERTIFICATION AND COMPLIANCE NOTES: The REACH system is based on the principle of own responsibility of the industry. Within the region of validity, and based on the "no data, no market" principle, only those chemical materials may be brought to the market that have previously been registered. The European Chemicals Agency (ECHA) issues a so-called "candidate list" naming the "hazardous substances". In accordance with the REACH directive, each supplier must identify the listed substances in their paperwork as soon as they take up a weight of more than 0.1 % of the overall product. We can assure that our products comply with the requirements of REACH directive in its latest version.

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

JM Silkshade Alu OF 3 FR is based on Trevira CS fibers and finished without the addition of PVC, halogen or antimony. All JM products are certified according to Standard 100 by Oeko-Tex, SCS Indoor Advantage Gold by SCS Global Services and comply to the high standards of the REACH regulation. JM's entire production process is designed to minimize any impact on the environment and natural resources. JM further strives to reduce its ecological footprint by continuous investments in the machinery to save both energy and CO2 emissions.

This HPD reports substances to the threshold level of 100 ppm. Health hazards were scanned and screenings were performed via Pharos Chemical and Materials Library. This HPD was created via the HPDC Online Builder tool.

MANUFACTURER INFORMATION

MANUFACTURER: Junkers & Müllers GmbH
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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-1 List Translator 1 (Likely Benchmark-1)
BM-3 Benchmark 3 (use but still opportunity for improvement)	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.)
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)	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 HPD and for compliance with the HPD standard noted.