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## SANE APPROVED MATERIAL LIST

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The SANE Approved Material List has been elaborated by sustainability experts throughout many years of research on the measured environmental impact of fibers and materials most commonly used in the fashion industry. It takes into account prevailing benchmarks<sup>1</sup> and scientific studies<sup>2</sup>, industry recognition, availability, and scalability of each material as well as credible certifications and laboratory testing when relevant.

The list is designed to evolve with the market sustainability standards and will be submitted to multi-stakeholders for periodic reviews.

SUSTAINABLE IDENTITY UG

Grossbeerenstrasse 33, 10965 Berlin GERMANY



## SANE REQUIREMENT 1.1 USE OF APPROVED MATERIAL

SANE-certified products must be made of SANE Approved Material. Depending on the type of product, the following minimum percentages of Approved Material apply:

### GARMENTS AND ACCESSORIES:

- **At least 90%** of the total product weight, including accessories, must be made of Approved Material.

### FOOTWEAR:

- **PART A** - includes the upper, toe box, vamp, tongue, laces, eyelets, counter, as well as any other material making up the upper part of the shoe:  
**A minimum of 80%** of the weight of the whole part A must be made of Approved Material.
- **PART B** - includes the outsole, midsole, insole, heel, as well as any other material making up the sole of the shoe:  
**A minimum of 50%** of the weight of the whole part B must be made of Approved Material.

This requirement applies equally to products made of blended material or/and made of several materials.

*For example, the following products would be eligible:*

- o *a product made of 2 different materials: linen and conventional cotton, representing respectively 90% and 10% of the product's total weight*
- o *a product made of a single material: a blend of 45% recycled wool, 45% organic cotton, and 10% nylon*

## ACCEPTED CERTIFICATIONS

For materials marketed with specific sustainable properties (such as “recycled”, “organic”, “regenerative”, “responsible”, “bio-based”, etc.), a proof of such property needs to be provided.

The Approved Material List indicates which certifications are recognized by SANE to be used as proof of content.

The minimum percentage of Approved Material content applies to the entire product, independently of the material certifications.

*For instance, a fully GRS-certified material is not necessarily made of 100% recycled content, it can contain 50% or sometimes less recycled content.*

*If a garment is made of 100% GRS-certified material, it must be made of 90% recycled content to be eligible for SANE certification.*

In addition to the Accepted Certifications, the sustainable property of a material can always be proven by a SANE trade certificate.





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# SANE APPROVED MATERIAL LIST

## FOR ALL PRODUCTS

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### NATURAL FIBERS

#### APPROVED MATERIALS

#### ACCEPTED CERTIFICATIONS

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RECYCLED COTTON

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*GRS*

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ORGANIC COTTON

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*GOTS, OCS, bioRe*

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REGENERATIVE COTTON

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*ROC*

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OTHER APPROVED COTTON

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*Fairtrade Certified Cotton*

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LINEN

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-

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HEMP

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-

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RAMIE

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NETTLE

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PINEAPPLE FIBER

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BANANA FIBER (ABACÁ and BANANA PRODUCTION WASTES)

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CORK

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-

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JUTE

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COCONUT FIBER

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KAPOK

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WOOD FIBER (MECHANICALLY EXTRACTED)

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*FSC*



### ANIMAL FIBERS

#### APPROVED MATERIALS

#### ACCEPTED CERTIFICATIONS

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RECYCLED WOOL

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*GRS*

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APPROVED WOOL

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*RWS, ZQ, SustainaWOOL GOLD*

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ORGANIC WOOL

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*GOTS, OCS*

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REGENERATIVE WOOL

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*ZQRX*

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SCRAP WOOL

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*SANE Trade Certificate*

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ALPACA

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APPROVED CASHMERE	<i>RWS, Sustainable Cashmere Standard, GOTS</i>
RECYCLED CASHMERE	<i>GRS</i>
ORGANIC SILK	<i>GOTS</i>
APPROVED LEATHER	<i>LWG Gold, IVN Naturlleder, Blue Angel Leather</i>
RECYCLED LEATHER	<i>RCS 100, GRS</i>
APPROVED DOWN	<i>RDS</i>
RECYCLED DOWN	<i>GRS</i>



## SEMI-SYNTHETIC FIBERS

### APPROVED MATERIALS

LYOCELL
APPROVED VISCOSE
SEAWEED FIBER
MYCELIUM LEATHER
REGENERATED FIBERS FROM RECYCLED TEXTILE
REGENERATED FIBERS FROM ORGANIC WASTES

### ACCEPTED CERTIFICATIONS

<i>FSC</i>
<i>FSC</i>
-
-
<i>GRS; RCS 100</i>
<i>GRS; RCS 100</i>



## SYNTHETIC

### APPROVED MATERIALS

RPET - RECYCLED POLYESTER (mechanically and chemically)
RECYCLED POLYAMIDE (recycled nylon)
BIO-BASED LEATHER ALTERNATIVE FROM WASTE MATERIAL

### ACCEPTED CERTIFICATIONS

<i>GRS</i>
<i>GRS</i>
<i>USDA Biobased Certification, DIN-Gepüft Biobased or OK biobased + RCS 100 or GRS</i>



## UP-CYCLED MATERIAL

### APPROVED MATERIALS

PRE-CONSUMER WASTE
POST-CONSUMER WASTE

### ACCEPTED CERTIFICATIONS

<i>SANE Trade Certificate</i>
<i>SANE Trade Certificate</i>





# SANE APPROVED MATERIAL LIST FOR FOOTWEAR SOLE (PART B)

The below materials are authorized for the production of SANE-certified footwear soles in addition to the above list.



## PLANT-BASED MATERIAL

### APPROVED MATERIALS

### ACCEPTED CERTIFICATIONS

NATURAL RUBBER

FSC

RICE HUSK

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## SYNTHETIC

### APPROVED MATERIALS

### ACCEPTED CERTIFICATIONS

RECYCLED EVA

GRS

RECYCLED RUBBER & RECYCLED CAR TYRES

GRS

UPCYCLED CAR TYRES

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BIO-BASED FOAM AND THERMOPLASTICS

USDA Biobased Certification, DIN-Geprüft  
Biobased or OK biobased

<sup>1</sup> Benchmark of reference: *Kompass Nachhaltigkeit; Siegel Klarheit; Standards Map by ITC; Label Checker by CIR; Textile Exchange. Preferred Fibers Market Reports until 2022 and Portfolio Options; Made-By. 2018. Environmental Benchmark for fibres; Higg Index MSI; Footwear Environmental Footprint Guide by FDRA; Material Index by CFDA.*

<sup>2</sup> Studies of reference: *Rex, D., Okcabol, S. and Roos, S., RISE, 2019. The environmental impact of the textile and clothing industry." N. Šajn, 2019. Possible sustainable fibers on the market and their technical properties. "Fiber Bible" part 1 Report., Stockholm, Sweden; Sandin, G., Roos, S. & Johansson, M., 2018. Environmental impact of textile fibers – what we know and what we don't know. "Fiber Bible" part 2. D2.1.2.1 Report., Stockholm, Sweden; Laitala, K., Grimstad Klepp, I., Henry, B., 2018. Does Use Matter? Comparison of Environmental Impacts of Clothing Based on Fiber Type; Department for Environment, Food and Rural Affairs, 2010. The role and business case for existing and emerging fibres in sustainable clothing, London, UK.*

Accepted Certification acronyms meaning: GRS: Global Recycle Standard; GOTS: Global Organic Textile Standard; OCS: Organic Cotton Standard; FSC: Forest Stewardship Council; RWS: Responsible Wool Standard; LWG: Leather Working Group; RCS: Recycled Claim Standard; RDS: Responsible Down Standard; ROC: Regenerative Organic Certified;





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Feedback and suggestions about SANE STANDARD can be sent to [info@sane-standard.com](mailto:info@sane-standard.com). Our team will try to take them into account for the release of the next version of the standard.

