

Materials Passport

by EPEA

Self declared according to BAMB Circularity Passport 1.1

Product Systems

EGOSILICON 151

EGO Dichtstoffwerke GmbH & Co. Betriebs KG

EGOSILICONE 151 is a ready-to-use, extremely high-quality, abrasion-resistant and plasticiser-free single-component silicone sealant with best processing characteristics that vulcanises through reaction with air humidity to form an elastic end product. EGOSILICONE 151 is resistant to chemicals (diluted acids and lyes, household cleaning agents and the like), fungicidal and waterproof with optimum skinforming time and secure vulcanisation; it ensures excellent processing characteristics and very good modeling and smoothing properties. Permanent high-quality sealing in the fields of construction and sanitary applications. For sealing, edge and connection joints in glass, ceramics, porcelain, enamel, tiles, aluminium, stainless steel, polyacrylate, polycarbonate, polyester, hard PVC and timber.

EGOSILICONE 151 fulfills the requirements according to EMICODE EC 1.

<https://www.ego.de/produkt/egosilicon151>



Product Assessment

Composition

Criteria

Materials Passport

Composition is fully classified	N/A
Hazards have been analyzed	Yes

Legend: yes = Product contributes toward satisfying the credit, N/A = Product not relevant in the credit, no = Credit requirements are not proven

Summary

The product contributes to the certification:

- Hazard list screening Yes

■ Ecolabels & Product-Assessments

AgBB tested



eco-INSTITUT-Label



French VOC-Label A+



■ Product Properties

Ingredients:

SVHC according REACH < 0,1 %:	Yes
Percentage of the product's composition, that is known to the chemical ingredient level	100 wt%
Free (< 0,1 %) of chlorinated paraffins (= CP inkl. SCCP, MCCP, LCCP):	Yes
Free (< 0,1 %) of biocidal:	No
Free (< 0,1 %) of polybrominated diphenyl ethers (= PBDE):	Yes
Recycled content pre-consumer:	N/A
Recycled content post-consumer:	N/A
Free (< 0,1 %) of hydrocarbon (KWS) plasticizer:	Yes
VOC content according 2004/42/EG:	51 g/l
VOC content according 2004/42/EG:	N/A
To what level of detail is the product composition known?	100 ppm
Rapidly renewable content	N/A
Non renewable virgin raw material content	N/A
Free (< 0,1 %) of polybrominated biphenyls (= PBB):	Yes
Free (< 0,1 %) of hexabromocyclododecane (= HBCD):	Yes
Free (< 0,1 %) of tris (2-carboxyethyl) phosphine (= TCEP):	Yes
Free (< 0,1 %) of lead:	Yes
Free (< 0,1 %) of cadmium:	Yes
Free (< 0,1 %) of chromium-VI compounds:	Yes
Free of solvent according to VdL-RL01:	Yes
Free (< 0,1 %) of aromatic compounds:	Yes
Free (< 0,1 %) from halogenated propellants:	Yes
Free (< 0,1 %) of tin:	N/A
Free (< 0,1 %) of halogenated flame retardants:	No

Content of VOC:	0 %
Content of solvents:	0 %
Free (< 0,1 %) of halogens:	Yes
Free of plasticizer according to VdL-RL01:	Yes

Manufacturer:

Environmental Management System according ISO 14001:	Yes
Final manufacturing location of the product: latitude	47.490138178497375 ° DDD
Final manufacturing location of the product: longitude	11.178027746972168 ° DDD
Are reverse logistics in place for the product?	N/A

Emissions:

Formaldehyde emissions after 28 days according DIN EN 717-1:	0.002 mg/m ³
R-Value according to AgBB:	0,01
TVOC after 3 days according ISO 16000-3 / AgBB:	0,28 mg/m ³
TVOC after 28 days according ISO 16000-3 / AgBB:	0,038 mg/m ³
Carcinogens 1A and 1B after 3 days according ISO-16000 / AgBB:	0,001 mg/m ³
Carcinogens 1A and 1B after 28 days according ISO-16000 / AgBB:	0,001 mg/m ³
SVOC after 3 days according ISO 16000-3 / AgBB:	N/A
SVOC after 28 days according ISO 16000-3 / AgBB:	N/A

Life Cycle Assessment:

Functional use period	N/A
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Circularity:

Has the product been designed for reuse, refurbishment or remanufacturing?	N/A
Is the product designed for a recycling of equal quality?	N/A
Was the product designed for clean incineration?	N/A
Product was designed with cycling in mind.	N/A
Was the Product designed for emission or direct dispersal?	N/A
Was the product specifically designed for clean and rapid disassembly?	N/A

■ System description

Source:

Detailed Verification

Self declared according to BAMB Circularity Passport 1.1

■ Composition

■ Composition is fully classified

The proportion of defined ingredients is

EGOSILICON 151	N/A
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Percentage of the product's composition, that is known to the chemical ingredient level

EGOSILICON 151	100 wt%
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To what level of detail is the product composition known?

EGOSILICON 151	100 ppm
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■ Hazards have been analyzed

Hazard list screening

EGOSILICON 151	Yes
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C2C Banned List Compliant:

EGOSILICON 151	Yes
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Hazard list screening

EGOSILICON 151	Yes
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SVHC according REACH < 0,1 %:

EGOSILICON 151	Yes
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■ Contact Details Manufacturer

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■ Disclaimer

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