# OTTOSEAL® S10

Sustainability data sheet

## Inspections/authorisations



· French VOC-emission class A+

• Environmental Product Declarations (EPD)

Declaration number: EPD-DBC-20220180-IBF1-EN

## **Building certification system**

QNG - Quality Seal for Sustainable Buildings

Version 1.3

**Criterion** Avoiding harmful substances in building materials

Overview table 4. Adhesives and sealants - line 4.1

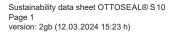
**Building product group** Adhesives and sealants (acrylates and silicones) used on site indoors

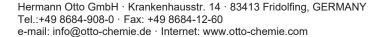
**Requirements** Product documentation and declaration of contained SVHC > 0.1 % and chlorinated

paraffins ≤0.1 % and declaration of biocidal active substances in silicones

Classification Meets the requirements, as declaration of contained SVHC > 0.1 % and chlorinated

paraffins ≤0.1% and declaration of biocidal active substances in silicones.







#### DGNB - Deutsche Gesellschaft für Nachhaltiges Bauen (German Sustainable Building Council)

Version 2023

Criterion ENV 1.2 Risks for the local environment

Criteria matrix line no. 11

Sealing compounds, sealants, adhesives for dot and line-formed bonding of building components **Product type** 

on the interior:

- mechanically stressed joints

- baseboards - door rails

support adhesive (raised or hollow floor)

- ventilation ducts

This refers to acrylic adhesives/bonding agents, silicone sealants, PU adhesives and silane-

modified polymers (SMP).

Requirements Quality category 1 (low) GISCODE PU10, PU20, RS10, DA20, DSE20, DSA20, DSO20 or

DH20 and bonus points SVHC ≤0.1 %

GISCODE PU10, PU20, RS10, DA20, DSE20, DSA20, DSO20 or Quality category 2

DH20 and bonus points SVHC ≤0.1 %

Quality category 3 GISCODE PU10, PU20, RS10, DA20, DSE20, DSA20, DSO20 or

DH20 and EMICODE® EC 1PLUS and bonus points SVHC ≤ 0.1 %

GISCODE PU10, PU20, RS10, DA20, DSE20, DSA20, DSO20 or Quality category 4 (high)

DH20 and EMICODE® EC 1PLUS and bonus points SVHC ≤0.1 %

Classification Fulfills quality category 2 requirements with GISCODE DSO20 and SVHC ≤0.1 %.

### DGNB - Deutsche Gesellschaft für Nachhaltiges Bauen (German Sustainable Building Council)

Version 2023

Criterion ENV 1.2 Risks for the local environment

Criteria matrix line no. 13

Adhesive for air tightness of facades inside and outside: e.g. PU, PU Hybrid, MS Polymer, SMP, Product type

acrylate, silicone.

Requirements Quality category 1 (low) < 0.1 % halogenated propellant and bonus points SVHC ≤ 0.1 %

> < 0.1 % halogenated propellant and bonus points SVHC ≤ 0.1 % Quality category 2 Quality category 3 Chlorinated paraffins (SCCPs + MCCPs + LCCPs) < 0.1 % and

halogenated propellant < 0.1 % and EMICODE® EC 1 PLUS or

VOC <1% and bonus points SVHC ≤0.1%

Quality category 4 (high) Chlorinated paraffins (SCCPs + MCCPs + LCCPs) < 0.1 % and

halogenated propellant < 0.1 % and EMICODE® EC 1 PLUS or

VOC <1% and bonus points SVHC ≤0.1%

Fulfills quality category 4 requirements with chlorinated paraffins (SCCPs + MCCPs + Classification

LCCPs) <0.1 % and halogenated propellant <0.1 % and VOC <1 % und SVHC ≤0.1 %.

Sustainability data sheet OTTOSEAL® S10 version: 2gb (12.03.2024 15:23 h)

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#### DGNB - Deutsche Gesellschaft für Nachhaltiges Bauen (German Sustainable Building Council)

Version 2018

**Criterion** ENV 1.2 Risks for the local environment

Criteria matrix line no. 13

**Product type** Adhesive for air tightness of facades inside and outside: e.g. PU, PU Hybrid, MS Polymer,

SMP or similar.

**Requirements** Quality category 1 (low) <0.1 % halogenated propellant

Quality category 2 <0.1% halogenated propellant

Quality category 3 Chlorinated paraffins < 0.1% and halogenated propellant < 0.1%

and EMICODE® EC 1/EC 1 PLUS or VOC < 1 %

Quality category 4 (high) Chlorinated paraffins < 0.1 % and halogenated propellant < 0.1 %

and EMICODE® EC 1/EC 1 PLUS or VOC < 1 %

Classification Fulfills quality category 4 requirements with chlorinated paraffins < 0.1 % and

halogenated propellant < 0.1 % and VOC < 1 %.

#### BNB - Bewertungssystem Nachhaltiges Bauen (Rating System for Sustainable Building)

Version 2015

Criterion 1.1.6 Risks for the local environment

Overview table 6. Adhesives and sealants – line no. 9

Construction product type

Adhesives and sealants for the airtightness of facades inside and outside: e.g. PU, PU hybrid, MS polymer, SMP, etc. for punctiform and linear bonding of components for the airtightness of

facades, windows and external doors.

**Requirements** Quality category 1 (low) Documentation and declaration of contained SVHC > 0.1 %.

Quality category 2 Declaration of contained SVHC > 0.1 % and chlorinated

paraffins < 0.1 %.

For PU adhesives additionally applies: TCEP < 0.1%.

Quality category 3

Declaration of contained SVHC > 0.1% and chlorinated

paraffins < 0.1%.

For PU adhesives additionally applies: TCEP < 0.1 %.

Quality category 4 Declaration of contained SVHC > 0.1 % and chlorinated paraffins

<0.1% and EMICODE® EC 1/EC 1PLUS or VOC <10 g/l. For PU adhesives additionally applies: TCEP <0.1%.

Quality category 5 (high) Declaration of contained SVHC > 0.1 % and chlorinated paraffins

<0.1% and EMICODE® EC 1/EC 1PLUS or VOC <10 g/l.

For PU adhesives additionally applies: TCEP < 0.1 %.

Classification Fulfills the quality category 3 requirements as declaration of contained SVHC > 0.1 % and

chlorinated paraffins < 0.1 %.

Documentation documents

All the listed documents can be downloaded from www.otto-chemie.com

Technical data sheet
 Safety data sheet

3. Sustainability data sheet

4. Test certificates

5. Environmental product declaration

This information is based on our knowledge at the time of the compilation (see below). The current version can be viewed on our website at: www.otto-chemie.com. Furthermore, the information in the documents accompanying the products is applicable.

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