# **OTTOSEAL®** S 69

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

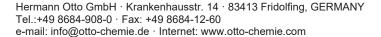
Building product group Adhesives and sealants (acrylates and silicones) used on site indoors

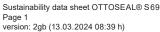
Requirements Product documentation and declaration of contained SVHC > 0.1 % and chlorinated

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 DSE20 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® S69 version: 2gb (13.03.2024 08:39 h)

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SEALING & BONDING

### 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. 12

Sealants, sealant compounds, adhesives for punctiform and linear bonding of interior **Product type** 

components and ventilation ducts within buildings. This refers to acrylate sealants/adhesives,

silicone sealants and SMP (hybrid sealants).

Requirements Quality category 1 (low)

> Quality category 2 No chlorinated paraffins declared in the SDS

Chlorinated paraffins < 0.1 % Quality category 3

Quality category 4 (high) Chlorinated paraffins < 0.1 %, solvents < 1 % and

PAH plasticisers < 0.1 %

Classification Fulfills quality category 4 requirements with chlorinated paraffins <0.1 %, solvents <1 %

and PAH plasticisers < 0.1 %.

#### 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. 8

Construction product type

Adhesives and sealants made of PU, SMP (silane-modified polymers), acrylate (including dispersion adhesives) or silicone for punctiform and linear bonding and sealing in the interior,

including TGA.

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

declaration of biocidal agents (if used).

Quality category 2 Declaration of biocidal agents (if used) and declaration of contained

SVHC > 0.1 % and chlorinated paraffins < 0.1 %.

For PU adhesives additionally applies: GISCODE PU10 or PU20

and TCEP < 0.1%.

Quality category 3 Declaration of biocidal agents (if used) and declaration of contained

SVHC > 0.1 % and chlorinated paraffins < 0.1 %.

For PU adhesives additionally applies: GISCODE PU10 or PU20

and TCEP < 0.1 %.

Quality category 4 No amine- or oxime-interlacing silicones.

> Additionally applies: RAL-UZ 123 or EMICODE® EC 1/EC 1 PLUS and chlorinated paraffins and declaration of biocidal agents (if used)

and declaration of contained SVHC > 0.1 %.

For PU adhesives additionally applies: TCEP < 0.1 %.

Quality category 5 (high) No amine- or oxime-interlacing silicones.

> Additionally applies: RAL-UZ 123 or EMICODE® EC 1/EC 1 PLUS and chlorinated paraffins < 0.1 % and declaration of biocidal agents

(if used) and declaration of contained SVHC > 0.1 %. For PU adhesives additionally applies: TCEP < 0.1 %.

Classification Fulfills the quality category 3 requirements because of declaration of biocidal agents (if used) and 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 2. 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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