OTTOCOLL® P 83

Sustainability data sheet

Inspections/authorisations



• EMICODE® EC 1PLUS - very low emission



· French VOC-emission class A+

· Environmental Product Declarations (EPD)

Declaration number: EPD-FEI-20220021-IBG1-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 4.2

Building product group Adhesives and sealants processed on site based on PU, PU hybrid and SMP formulations

(silane-modified polymers) in interior spaces

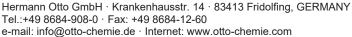
Product documentation and declaration of contained SVHC > 0.1 % and chlorinated paraffins, Requirements

TCEP, PBB and PBDs ≤0.1% and solvent-free or GISCODE PU10, PU20, PU40 (ALT) or PU50

(ALT)

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

paraffins, TCEP, PBB und PBDE ≤0.1 % and GISCODE PU10.







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

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

on the interior:

- mechanically stressed joints

baseboardsdoor 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 %

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

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%

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

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

Classification Fulfills quality category 4 requirements with GISCODE PU10 and EMICODE® EC 1PLUS 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

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

acrylate, silicone

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

Quality category 2 <0.1 % halogenated propellant and bonus points SVHC \leq 0.1 % 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

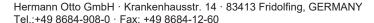
VOC <1% and bonus points SVHC ≤0.1%

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

+ LCCPs) < 0.1 % and halogenated propellant < 0.1 % and EMICODE® EC 1PLUS and

SVHC ≤ 0.1 %.

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e-mail: info@otto-chemie.de · Internet: www.otto-chemie.com

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. 11

Product type Sealants, adhesives for dot and line-formed bonding of building components on the interior.

This refers to PU adhesives and silane-modified polymers (SMP).

Requirements Quality category 1 (low) GISCODE PU20 or RS10

Quality category 2 GISCODE PU20 or RS10

Quality category 3 GISCODE PU20 or RS10 and EMICODE® EC 1 or EC 1 PLUS Quality category 4 (high) GISCODE PU20 or RS10 and EMICODE® EC 1 or EC 1 PLUS

Classification Fulfills quality category 4 requirements with GISCODE PU10 (better than PU20) and

EMICODE® EC1 PLUS.

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 < 0.1 % 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 %.

Fulfills quality category 5 requirements as no amine- or oxime-interlacing silicone or biocidal agents are used and EMICODE® EC 1PLUS and declaration of contained

SVHC > 0.1% and chlorinated paraffins < 0.1% and TCEP < 0.1%.

Documentation documents

Classification

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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Hermann Otto GmbH · Krankenhausstr. 14 · 83413 Fridolfing, GERMANY Tel.:+49 8684-908-0 · Fax: +49 8684-12-60

e-mail: info@otto-chemie.de · Internet: www.otto-chemie.com