OTTOCOLL® M 580

Sustainability data sheet

Inspections/authorisations



· French VOC-emission class A+



· Declaration in "baubook" Austria

Informations available from: www.baubook.info

• 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

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

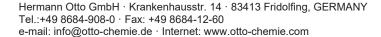
TCEP, PBB and PBDs ≤0.1 % and solvent-free or GISCODE PU10, PU20, PU40 (ALT) or PU50

(ALT)

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

paraffins, TCEP, PBB und PBDE ≤0.1% and solvent-free.

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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 ≤0.1 % 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%

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

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

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 the quality category 2 requirements with GISCODE RS10.

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

Product typeSealants, sealant compounds, adhesives for punctiform and linear bonding of interior

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

Quality category 3 Chlorinated paraffins < 0.1 %

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 %.

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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
 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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