OTTOCOLL® M 500

Sustainability data sheet

Inspections/authorisations



• EMICODE® EC 1PLUS – very low emission



· French VOC-emission class A+



· Declaration in "baubook" Austria

Informations available from: www.baubook.info

Building certification system

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

Version 2015

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

Quality category 2 GISCODE PU20

Quality category 3 GISCODE PU10 and EMICODE® EC 1/EC 1 PLUS

Quality category 4 (high) Silane-modified polymer adhesives (SMP) GISCODE RS10 and

EMICODE® EC 1/EC 1 PLUS

Classification Fulfills quality category 4 requirements with GISCODE RS10 and EMICODE® EC 1 PLUS.

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

Version 2015

Criterion ENV 1.2 Risks for the local environment

Criteria matrix line no. 12

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

and the TGA (Technical Building Equipment). This refers to acrylate sealants/adhesives,

silicone sealants and SMP (hybrid sealants).

Chlorinated paraffins < 0.1 % Quality category 1 (low) Requirements

> Quality category 2 Chlorinated paraffins < 0.1 % 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 %.

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

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

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

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

Fulfills quality category 4 requirements with GISCODE RS10 and EMICODE® EC 1 PLUS. Classification

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 type Sealants, 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)

> No chlorinated paraffins declared in the SDS Quality category 2

Quality category 3 Chlorinated paraffins < 0.1 %

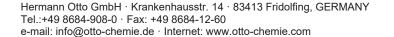
Quality category 4 (high) Chlorinated paraffins < 0.1 %, solvents < 1 % and

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 %.

Documents for building certifications

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

1. Technical data sheet

Security data sheets
 Sustainability data sheet

4. Inspection certificates

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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