

OTTOCOLL®**M 501**

Sustainability data sheet

Inspections/authorisations

- EMICODE® EC 1^{PLUS} – very low emission



- French VOC-emission class A+

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}.	

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).	
Requirements	Quality category 1 (low)	Chlorinated paraffins <0.1 %
	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	
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 RS10 and EMICODE® EC 1 PLUS.	

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)	–
	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 %.	

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 %.
Classification	Fulfills the quality category 5 requirements as no amine- or oxime-interlacing silicone and EMICODE® EC 1^{PLUS} and declaration of biocidal agents (if used) and declaration of 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
	2. Security data sheets
	3. 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.
