

OTTOSEAL®**S 54**

Sustainability data sheet

Inspections/authorisations

- 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. 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	<table> <tr> <td>Quality category 1 (low)</td> <td>Chlorinated paraffins <0.1 %</td> </tr> <tr> <td>Quality category 2</td> <td>Chlorinated paraffins <0.1 %</td> </tr> <tr> <td>Quality category 3</td> <td>Chlorinated paraffins <0.1 %</td> </tr> <tr> <td>Quality category 4 (high)</td> <td>Chlorinated paraffins <0.1 %, solvents <1 % and PAH plasticisers <0.1 %</td> </tr> </table>	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 %
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 2015

Criterion	ENV 1.2 Risks for the local environment								
Criteria matrix	line no. 42								
Product type	Technical fire protection, bonding or sealing in interiors, PU assembly adhesives: fireproofing primers; fireproofing coatings for cables, fireproofing silicones, PU assembly adhesives for insulating materials (EPS, XPS, PUR).								
Requirements	<table> <tr> <td>Quality category 1 (low)</td> <td>–</td> </tr> <tr> <td>Quality category 2</td> <td>–</td> </tr> <tr> <td>Quality category 3</td> <td>Chlorinated paraffins and TCEP <0.1 %</td> </tr> <tr> <td>Quality category 4 (high)</td> <td>Chlorinated paraffins and TCEP <0.1 %</td> </tr> </table>	Quality category 1 (low)	–	Quality category 2	–	Quality category 3	Chlorinated paraffins and TCEP <0.1 %	Quality category 4 (high)	Chlorinated paraffins and TCEP <0.1 %
Quality category 1 (low)	–								
Quality category 2	–								
Quality category 3	Chlorinated paraffins and TCEP <0.1 %								
Quality category 4 (high)	Chlorinated paraffins and TCEP <0.1 %								
Classification	Fulfills quality category 4 requirements with chlorinated paraffins and TCEP <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. 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 %.

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. 42
Product type	Technical fire protection, bonding or sealing in interiors, PU assembly adhesives: fireproofing primers; fireproofing coatings for cables, fireproofing silicones, PU assembly adhesives for insulating materials (EPS, XPS, PUR).
Requirements	Quality category 1 (low) – Quality category 2 – Quality category 3 Chlorinated paraffins <0.1 % and SVHC <0.1 % Quality category 4 (high) Chlorinated paraffins <0.1 % and SVHC <0.1 %
Classification	Fulfills quality category 4 requirements with chlorinated paraffins <0.1 % and SVHC <0.1 %.

BNB – Bewertungssystem Nachhaltiges Bauen (Rating System for Sustainable Building)**Version 2015**

Criterion	1.1.6 Risks for the local environment
Overview table	4. Surface coatings on predominantly non-mineral surfaces (wood, metals, plastics) – line no. 44
Construction product type	Fire protection primers, fire protection coatings for cables, fire protection silicones for fillings, coatings, adhesives or sealings in interiors and exteriors with fire protection requirements.
Requirements	Quality category 1 (low) Documentation and declaration of contained SVHC >0.1 %. Quality category 2 Declaration of contained SVHC >0.1 % and chlorinated paraffins, PBB, PBDE, TCEP <0.1 %. Quality category 3 Declaration of contained SVHC >0.1 % and chlorinated paraffins, PBB, PBDE, TCEP <0.1 %. Quality category 4 Declaration of contained SVHC >0.1 % and chlorinated paraffins, PBB, PBDE, TCEP <0.1 %. Quality category 5 (high) Declaration of contained SVHC >0.1 % and chlorinated paraffins, PBB, PBDE, TCEP <0.1 %.
Classification	Fulfills the quality category 5 requirements as declaration of contained SVHC >0.1 % and chlorinated paraffins, PBB, PBDE, TCEP <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 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 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.
