

# OTTOSEAL®

## S 100

## Sustainability data sheet

### Inspections/authorisations



- EMICODE® EC 1<sup>PLUS</sup> – very low emission



- French VOC-emission class A+



- Declaration in “baubook” Austria

Information available from: [www.baubook.info](http://www.baubook.info)

### Building certification system

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

Version 2015

|                        |   |   |
|------------------------|---|---|
| <b>Criterion</b>       | ENV 1.2 Risks for the local environment   |   |
| <b>Criteria matrix</b> | line no. 12   |   |
| <b>Product type</b>    | 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). |   |
| <b>Requirements</b>    | 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 % |
| <b>Classification</b>  | <b>Fulfills quality category 4 requirements with chlorinated paraffins &lt;0.1 %, solvents &lt;1 % and PAH plasticisers &lt;0.1 %.</b>  |   |

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**DGNB – Deutsche Gesellschaft für Nachhaltiges Bauen (German Sustainable Building Council)****Version 2015**

|                        |  |   |
|------------------------|--|---|
| <b>Criterion</b>       | ENV 1.2 Risks for the local environment  |   |
| <b>Criteria matrix</b> | line no. 13  |   |
| <b>Product type</b>    | Adhesive for air tightness of facades inside and outside: e.g. PU, PU Hybrid, MS Polymer, SMP or similar.              |   |
| <b>Requirements</b>    | Quality category 1 (low)   | –   |
|                        | Quality category 2   | –   |
|                        | Quality category 3   | Chlorinated paraffins <0.1 % and VOC <1 % or EMICODE® EC 1/EC 1 <sup>PLUS</sup> |
|                        | Quality category 4 (high)  | Chlorinated paraffins <0.1 % and VOC <1 % or EMICODE® EC 1/EC 1 <sup>PLUS</sup> |
| <b>Classification</b>  | <b>Fulfills quality category 4 requirements with chlorinated paraffins &lt;0.1 % and EMICODE® EC 1<sup>PLUS</sup>.</b> |   |

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**DGNB – Deutsche Gesellschaft für Nachhaltiges Bauen (German Sustainable Building Council)****Version 2018**

|                        |  |   |
|------------------------|--|---|
| <b>Criterion</b>       | ENV 1.2 Risks for the local environment  |   |
| <b>Criteria matrix</b> | line no. 12  |   |
| <b>Product type</b>    | 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). |   |
| <b>Requirements</b>    | 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 % |
| <b>Classification</b>  | <b>Fulfills quality category 4 requirements with chlorinated paraffins &lt;0.1 %, solvents &lt;1 % and PAH plasticisers &lt;0.1 %.</b>   |   |

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**DGNB – Deutsche Gesellschaft für Nachhaltiges Bauen (German Sustainable Building Council)****Version 2018**

|                        |   |   |
|------------------------|---|---|
| <b>Criterion</b>       | ENV 1.2 Risks for the local environment   |   |
| <b>Criteria matrix</b> | line no. 13   |   |
| <b>Product type</b>    | Adhesive for air tightness of facades inside and outside: e.g. PU, PU Hybrid, MS Polymer, SMP or similar.   |   |
| <b>Requirements</b>    | Quality category 1 (low)  | <0.1 % halogenated propellant   |
|                        | Quality category 2  | <0.1 % halogenated propellant   |
|                        | Quality category 3  | Chlorinated paraffins <0.1 % and halogenated propellant <0.1 % and EMICODE® EC 1/EC 1 <sup>PLUS</sup> or VOC <1 % |
|                        | Quality category 4 (high)   | Chlorinated paraffins <0.1 % and halogenated propellant <0.1 % and EMICODE® EC 1/EC 1 <sup>PLUS</sup> or VOC <1 % |
| <b>Classification</b>  | <b>Fulfills quality category 4 requirements with chlorinated paraffins &lt;0.1 % and halogenated propellant &lt;0.1 % and EMICODE® EC 1<sup>PLUS</sup>.</b> |   |

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## BNB – Bewertungssystem Nachhaltiges Bauen (Rating System for Sustainable Building)

Version 2015

|                                  |   |  |
|----------------------------------|---|--|
| <b>Criterion</b>                 | 1.1.6 Risks for the local environment   |  |
| <b>Overview table</b>            | 6. Adhesives and sealants – line no. 8  |  |
| <b>Construction product type</b> | 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.  |  |
| <b>Requirements</b>              | 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 %.<br>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 %.<br>For PU adhesives additionally applies: GISCODE PU10 or PU20 and TCEP <0.1 %.  |
|                                  | Quality category 4  | No amine- or oxime-interlacing silicones.<br>Additionally applies: RAL-UZ 123 or EMICODE® EC 1/EC 1 <sup>PLUS</sup> and chlorinated paraffins <0.1 % and declaration of biocidal agents (if used) and declaration of contained SVHC >0.1 %.<br>For PU adhesives additionally applies: TCEP <0.1 %. |
|                                  | Quality category 5 (high)   | No amine- or oxime-interlacing silicones.<br>Additionally applies: RAL-UZ 123 or EMICODE® EC 1/EC 1 <sup>PLUS</sup> and chlorinated paraffins <0.1 % and declaration of biocidal agents (if used) and declaration of contained SVHC >0.1 %.<br>For PU adhesives additionally applies: TCEP <0.1 %. |
| <b>Classification</b>            | <b>Fulfills the quality category 5 requirements as no amine- or oxime-interlacing silicone and EMICODE® EC 1<sup>PLUS</sup> and declaration of biocidal agents (if used) and declaration of SVHC &gt;0.1 % and chlorinated paraffins &lt;0.1 %.</b> |  |

## BNB – Bewertungssystem Nachhaltiges Bauen (Rating System for Sustainable Building)

Version 2015

|                                  |  |  |
|----------------------------------|--|--|
| <b>Criterion</b>                 | 1.1.6 Risks for the local environment  |  |
| <b>Overview table</b>            | 6. Adhesives and sealants – line no. 9   |  |
| <b>Construction product type</b> | Adhesives and sealants for the airtightness of facades inside and outside: e. g. PU, PU hybrid, MS polymer, SMP, etc. for punctiform and linear bonding of components for the airtightness of facades, windows and external doors. |  |
| <b>Requirements</b>              | Quality category 1 (low)   | Documentation and declaration of contained SVHC >0.1 %.  |
|                                  | Quality category 2   | Declaration of contained SVHC >0.1 % and chlorinated paraffins <0.1 %.<br>For PU adhesives additionally applies: TCEP <0.1 %.  |
|                                  | Quality category 3   | Declaration of contained SVHC >0.1 % and chlorinated paraffins <0.1 %.<br>For PU adhesives additionally applies: TCEP <0.1 %.  |
|                                  | Quality category 4   | Declaration of contained SVHC >0.1 % and chlorinated paraffins <0.1 % and EMICODE® EC 1/EC 1 <sup>PLUS</sup> or VOC < 10 g/l.<br>For PU adhesives additionally applies: TCEP <0.1 %. |
|                                  | Quality category 5 (high)  | Declaration of contained SVHC >0.1 % and chlorinated paraffins <0.1 % and EMICODE® EC 1/EC 1 <sup>PLUS</sup> or VOC < 10 g/l.<br>For PU adhesives additionally applies: TCEP <0.1 %. |
| <b>Classification</b>            | <b>Fulfills the quality category 5 requirements as declaration of contained SVHC &gt;0.1 % and chlorinated paraffins &lt;0.1 % and EMICODE® EC 1<sup>PLUS</sup>.</b>   |  |

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**Documents for building certifications**

All the listed documents can be downloaded from [otto-chemie.de](http://otto-chemie.de)

1. Technical data sheet
  2. Security data sheets
  3. Sustainability data sheet
  4. Inspection certificates
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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](http://www.otto-chemie.com). Furthermore, the information in the documents accompanying the products is applicable.

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