

OTTOSEAL®**S 80**

Sustainability data sheet

Inspections/authorisations

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



- French VOC-emission class A+



- Declaration in “baubook” Austria
- Information 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. 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 2015**

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|------------------------|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| 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 or similar. | |
| Requirements | Quality category 1 (low) | – |
| | Quality category 2 | – |
| | Quality category 3 | Chlorinated paraffins <0.1 % and VOC < 1 % or EMICODE® EC 1/EC 1 ^{PLUS} |
| | Quality category 4 (high) | Chlorinated paraffins <0.1 % and VOC < 1 % or EMICODE® EC 1/EC 1 ^{PLUS} |
| Classification | Fulfills quality category 4 requirements with chlorinated paraffins <0.1 % and EMICODE® EC 1^{PLUS}. | |

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

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|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|
| 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. 13 | |
| Product type | Adhesive for air tightness of facades inside and outside: e.g. PU, PU Hybrid, MS Polymer, SMP or similar. | |
| Requirements | 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 ^{PLUS} or VOC < 1 % |
| | Quality category 4 (high) | Chlorinated paraffins <0.1 % and halogenated propellant <0.1 % and EMICODE® EC 1/EC 1 ^{PLUS} or VOC < 1 % |
| Classification | Fulfills quality category 4 requirements with chlorinated paraffins <0.1 % and halogenated propellant <0.1 % and EMICODE® EC 1^{PLUS}. | |

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

Version 2015

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|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 %. | |

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. 9 | |
| Construction product type | 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. | |
| 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 <0.1 %. For PU adhesives additionally applies: TCEP <0.1 %. |
| | Quality category 3 | Declaration of contained SVHC >0.1 % and chlorinated paraffins <0.1 %. 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 ^{PLUS} or VOC < 10 g/l. 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 ^{PLUS} or VOC < 10 g/l. For PU adhesives additionally applies: TCEP <0.1 %. |
| Classification | Fulfills the quality category 5 requirements as declaration of contained SVHC >0.1 % and chlorinated paraffins <0.1 % and EMICODE® EC 1^{PLUS}. | |

**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
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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. Furthermore, the information in the documents accompanying the products is applicable.



INDUSTRIEVERBAND
DICHTSTOFFE E.V.
(IVD)



INDUSTRIEVERBAND
KLEBSTOFFE E.V.
(IVK)



Sealants • Adhesives