*SECTION 1: Identification of the substance/mixture and of the company/undertaking*

- **1.1 Product identifier**
  - **Product name** LOBADUR WS Sealer FR Komponente B
  - **Article number:** 11833-B
  - **UFI:** -

- **1.2 Relevant identified uses of the substance or mixture and uses advised against**
  - No further relevant information available.
  - **Application of the substance / the mixture** Hardening agent/ Curing agent

- **1.3 Details of the supplier of the safety data sheet**
  - **Manufacturer/Supplier:** LOBA GmbH & Co. KG
    Leonberger Straße 56 - 62
    D-71254 Ditzingen
    Tel.: +49 (0)7156/357-0
  - **Informing department:**
    Productmanagement
    e-mail: service@loba.de
    Productmanagement
    e-mail: service@loba.de
  - **1.4 Emergency telephone number:** Emergency CONTACT (24-Hour-Number): GBK GmbH +49 (0)6132-84463

*SECTION 2: Hazards identification*

- **2.1 Classification of the substance or mixture**
  - **Classification according to Regulation (EC) No 1272/2008**
    The product is not classified, according to the CLP regulation.

- **2.2 Label elements**
  - **Labelling according to Regulation (EC) No 1272/2008** Void
  - **Hazard pictograms** Void
  - **Signal word** Void
  - **Hazard statements** Void

- **2.3 Other hazards**
  - **Results of PBT and vPvB assessment**
    - **PBT:** Not applicable.
    - **vPvB:** Not applicable.

*SECTION 3: Composition/information on ingredients*

- **3.2 Mixtures**
  - **Description:** Mixture of the substances listed below with harmless additions.
  - **Dangerous components:** Void
  - **Additional information** For the wording of the listed hazard phrases refer to section 16.

*SECTION 4: First aid measures*

- **4.1 Description of first aid measures**
  - **General information** No special measures required.
  - **After inhalation** Supply fresh air; consult doctor in case of symptoms.
  - **After skin contact** The product is not skin irritating.
  - **After eye contact** Rinse opened eye for several minutes under running water.
  - **After swallowing** In case of persistent symptoms consult doctor.

(Contd. on page 2)
**SECTION 5: Firefighting measures**

- **5.1 Extinguishing media**
  - Suitable extinguishing agents: Use fire fighting measures that suit the environment.
- **5.2 Special hazards arising from the substance or mixture**
  - No further relevant information available.
- **5.3 Advice for firefighters**
  - Protective equipment: No special measures required.

**SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures**
  - Not required.
- **6.2 Environmental precautions:**
  - Do not allow product to reach sewage system or water bodies.
  - Inform respective authorities in case product reaches water or sewage system.
  - Dilute with much water.
- **6.3 Methods and material for containment and cleaning up:**
  - Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).
- **6.4 Reference to other sections**
  - No dangerous materials are released.
  - See Section 7 for information on safe handling
  - See Section 8 for information on personal protection equipment.
  - See Section 13 for information on disposal.

**SECTION 7: Handling and storage**

- **7.1 Precautions for safe handling**
  - No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
  - Storage
  - Requirements to be met by storerooms and containers: No special requirements.
  - Information about storage in one common storage facility: Not required.
  - Further information about storage conditions: None.
  - Storage class 12
- **7.3 Specific end use(s)**
  - No further relevant information available.

**SECTION 8: Exposure controls/personal protection**

- **8.1 Control parameters**
  - Components with critical values that require monitoring at the workplace:
  - The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
  - Additional information: The lists that were valid during the compilation were used as basis.
- **8.2 Exposure controls**
  - Appropriate engineering controls: No further data; see item 7.
52. Individual protection measures, such as personal protective equipment
   · General protective and hygienic measures
     The usual precautionary measures should be adhered to in handling the chemicals.
   · Breathing equipment: Not required.
   · Hand protection
     The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
     Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
   · Material of gloves
     Nitrile rubber, NBR
     The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and
     varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of
     the glove material can not be calculated in advance and has therefore to be checked prior to the application.
     Recommended thickness of the material: ≥ 0.4 mm
   · Penetration time of glove material
     The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be
     observed.
     For the mixture of chemicals mentioned below the penetration time has to be at least 480 minutes (Permeation
     according to EN 374 Part 3: Level 6).
     Value for the permeation: Level ≤ 6
   · Eye/face protection
     Safety glasses recommended during refilling.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties
   · General Information
     · Physical state
       Fluid
     · Colour:
       Colourless
     · Smell:
       Recognisable
     · Odour threshold:
       Not determined.
     · Melting point/freezing point:
       Not determined
     · Boiling point or initial boiling point and boiling range
       Not determined
     · Flammability
       Not applicable.
     · Lower:
       Not determined.
     · Upper:
       Not determined.
     · Flash point:
       Not applicable
     · Self-inflammability:
       Product is not selfigniting.
     · Decomposition temperature:
       Not determined.
     · pH at 20 °C
       8.5
     · Viscosity:
     · Kinematic viscosity at 20 °C
       15 s (DIN 53211/4)
     · dynamic:
       Not determined.
     · Solubility
     · Water:
       Fully miscible
     · Partition coefficient n-octanol/water (log value)
       Not determined.
     · Steam pressure:
     · Density and/or relative density
     · Density at 20 °C
       1.09 g/cm³
     · Relative density
       Not determined.
     · Vapour density
       Not determined.
9.2 Other information

- Appearance: Various colours
- Form: Various colours
- Important information on protection of health and environment, and on safety.
- Explosive properties: Product is not explosive.
- Water: 62.6%
- Solids content: 0.0%
- Change in condition
- Evaporation rate Not determined.

Information with regard to physical hazard classes

- Explosives Void
- Flammable gases Void
- Aerosols Void
- Oxidising gases Void
- Gases under pressure Void
- Flammable liquids Void
- Flammable solids Void
- Self-reactive substances and mixtures Void
- Pyrophoric liquids Void
- Pyrophoric solids Void
- Self-heating substances and mixtures Void
- Substances and mixtures, which emit flammable gases in contact with water Void
- Oxidising liquids Void
- Oxidising solids Void
- Organic peroxides Void
- Corrosive to metals Void
- Desensitised explosives Void

SECTION 10: Stability and reactivity

- 10.1 Reactivity No further relevant information available.
- 10.2 Chemical stability
- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- 10.3 Possibility of hazardous reactions No dangerous reactions known
- 10.4 Conditions to avoid No further relevant information available.
- 10.5 Incompatible materials: No further relevant information available.
- 10.6 Hazardous decomposition products: No dangerous decomposition products known

SECTION 11: Toxicological information

- 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008
- Acute toxicity Based on available data, the classification criteria are not met.
- Skin corrosion/irritation Based on available data, the classification criteria are not met.
- Serious eye damage/irritation Based on available data, the classification criteria are not met.
- Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- Germ cell mutagenicity Based on available data, the classification criteria are not met.
- Carcinogenicity Based on available data, the classification criteria are not met.
- Reproductive toxicity Based on available data, the classification criteria are not met.
Product name LOBADUR WS Sealer FR Komponente B

• STOT-single exposure Based on available data, the classification criteria are not met.
• STOT-repeated exposure Based on available data, the classification criteria are not met.
• Aspiration hazard Based on available data, the classification criteria are not met.
• 11.2 Information on other hazards

• Endocrine disrupting properties
None of the ingredients is listed.

SECTION 12: Ecological information

• 12.1 Toxicity
• Aquatic toxicity: No further relevant information available.
• 12.2 Persistence and degradability No further relevant information available.
• 12.3 Bioaccumulative potential No further relevant information available.
• 12.4 Mobility in soil No further relevant information available.
• 12.5 Results of PBT and vPvB assessment
• PBT: Not applicable.
• vPvB: Not applicable.
• 12.6 Endocrine disrupting properties
The product does not contain substances with endocrine disrupting properties.
• 12.7 Other adverse effects
• General notes:
  Water hazard class 1 (Self-assessment): slightly hazardous for water.
  Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

SECTION 13: Disposal considerations

• 13.1 Waste treatment methods
• Recommendation
  After prior treatment product has to be landfilled or incinerated under adherence to the regulations pertaining to the disposal of especially hazardous waste.

• European waste catalogue

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>06 00 00</td>
<td>WASTES FROM INORGANIC CHEMICAL PROCESSES</td>
</tr>
<tr>
<td>06 03 00</td>
<td>wastes from the MFSU of salts and their solutions and metallic oxides</td>
</tr>
<tr>
<td>06 03 14</td>
<td>solid salts and solutions other than those mentioned in 06 03 11 and 06 03 13</td>
</tr>
</tbody>
</table>

• Uncleaned packagings:
• Recommendation: Disposal must be made according to official regulations.
• Recommended cleaning agent: Water, if necessary with cleaning agent.

SECTION 14: Transport information

• 14.1 UN number or ID number
• ADR, ADN, IMDG, IATA Void

• 14.2 UN proper shipping name
• ADR, ADN, IMDG, IATA Void

(Contd. on page 6)
**Product name LOBADUR WS Sealer FR Komponente B**

(Contd. of page 5)

<table>
<thead>
<tr>
<th>14.3 Transport hazard class(es)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ADR, ADN, IMDG, IATA</td>
<td>Void</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>14.4 Packing group</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ADR, IMDG, IATA</td>
<td>Void</td>
</tr>
</tbody>
</table>

| 14.5 Environmental hazards:    |  |
| Marine pollutant:              | No               |

<table>
<thead>
<tr>
<th>14.6 Special precautions for user</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Not applicable.</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>14.7 Maritime transport in bulk according to IMO instruments</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>Not applicable.</td>
<td></td>
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</tbody>
</table>

| UN "Model Regulation": | Void |

### SECTION 15: Regulatory information

<table>
<thead>
<tr>
<th>15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Directive 2012/18/EU</td>
<td></td>
</tr>
<tr>
<td>Named dangerous substances - ANNEX I None of the ingredients is listed.</td>
<td></td>
</tr>
<tr>
<td>REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 65</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II</th>
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</tr>
</thead>
<tbody>
<tr>
<td>None of the ingredients is listed.</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>National regulations</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Water hazard class:</td>
<td>Water hazard class 1 (Self-assessment): slightly hazardous for water.</td>
</tr>
</tbody>
</table>

| 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out. |  |

### SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Alteration in the context will be marked with a cross (*).

| Department issuing data specification sheet: | Productmanagement. |
| Date of previous version: | 07.01.2021 |
| Version number of previous version: | 2 |

<table>
<thead>
<tr>
<th>Abbreviations and acronyms:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)</td>
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</tr>
<tr>
<td>ICAO: International Civil Aviation Organisation</td>
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<tr>
<td>ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)</td>
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<tr>
<td>IMDG: International Maritime Code for Dangerous Goods</td>
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<tr>
<td>IATA: International Air Transport Association</td>
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<tr>
<td>GHS: Globally Harmonised System of Classification and Labelling of Chemicals</td>
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<tr>
<td>EINECS: European Inventory of Existing Commercial Chemical Substances</td>
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</tr>
<tr>
<td>ELINCS: European List of Notified Chemical Substances</td>
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<tr>
<td>CAS: Chemical Abstracts Service (division of the American Chemical Society)</td>
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<tr>
<td>PBT: Persistent, Bioaccumulative and Toxic</td>
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<tr>
<td>vPvB: very Persistent and very Bioaccumulative</td>
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</table>

* Data compared to the previous version altered.