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

- 1.1 Product identifier
  - Product name: LOBATOOL Reparaturset
  - Article number: 16351-000
  - Application of the substance / the mixture: Coating material

- 1.2 Relevant identified uses of the substance or mixture and uses advised against
  - No further relevant information available.

- 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
  - 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
  - Additional information:
    EUH208 Contains 1,2-benzisothiazol-3(2H)-one. May produce an allergic reaction.

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

SECTION 3: Composition/information on ingredients

- 3.2 Chemical characterisation: Mixtures
  - Description: Mixture of the substances listed below with harmless additions.
  - Dangerous components:
    
    | CAS          | EINECS         | Index number | Reg.nr.          | Substance                  | Concentration | Hazards |
    |--------------|----------------|--------------|------------------|----------------------------|---------------|---------|
    | 111-76-2     | 203-905-0      | 603-014-00-0 | 01-2119475108-36-xxxx | 2-butoxyethanol           | <2.5%         | Acute Tox. 4, H302; Acute Tox. 4, H312; Acute Tox. 4, H332; Skin Irrit. 2, H315; Eye Irrit. 2, H319 |
    | 5131-66-8    | 225-878-4      | 603-052-00-8 | 01-2119475527-28  | 3-butoxypropan-2-ol       | <2.5%         | Skin Irrit. 2, H315; Eye Irrit. 2, H319 |

(Contd. on page 2)
## SECTION 4: First aid measures

<table>
<thead>
<tr>
<th>4.1 Description of first aid measures</th>
</tr>
</thead>
<tbody>
<tr>
<td>General information</td>
</tr>
<tr>
<td>No special measures required.</td>
</tr>
<tr>
<td>After inhalation</td>
</tr>
<tr>
<td>Supply fresh air and call for doctor for safety reasons.</td>
</tr>
<tr>
<td>In case of unconsciousness bring patient into stable side position for transport.</td>
</tr>
<tr>
<td>After skin contact</td>
</tr>
<tr>
<td>Instantly wash with water and soap and rinse thoroughly.</td>
</tr>
<tr>
<td>After eye contact</td>
</tr>
<tr>
<td>Rinse opened eye for several minutes under running water.</td>
</tr>
<tr>
<td>After swallowing</td>
</tr>
<tr>
<td>In case of persistent symptoms consult doctor.</td>
</tr>
</tbody>
</table>

| 4.2 Most important symptoms and effects, both acute and delayed |
| No further relevant information available. |

| 4.3 Indication of any immediate medical attention and special treatment needed |
| No further relevant information available. |

## SECTION 5: Firefighting measures

<table>
<thead>
<tr>
<th>5.1 Extinguishing media</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suitable extinguishing agents</td>
</tr>
<tr>
<td>Use fire fighting measures that suit the environment.</td>
</tr>
</tbody>
</table>

| 5.2 Special hazards arising from the substance or mixture |
| No further relevant information available. |

<table>
<thead>
<tr>
<th>5.3 Advice for firefighters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Protective equipment: No special measures required.</td>
</tr>
</tbody>
</table>

## 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. |

| 6.3 Methods and material for containment and cleaning up: |
| Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). |
| Ensure adequate ventilation. |

| 6.4 Reference to other sections |
| 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. |
| Keep containers tightly sealed. |
| Ensure good ventilation/exhaustion at the workplace. |
| Prevent formation of aerosols. |

| 7.2 Conditions for safe storage, including any incompatibilities |
| Requirements to be met by storerooms and containers: No special requirements. |
| Information about storage in one common storage facility: Not required. |
SECTION 8: Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

- **8.1 Control parameters**
  - **Components with critical values that require monitoring at the workplace:**
    - **111-76-2 2-butoxyethanol**
      - WEL
        - Short-term value: 246 mg/m³, 50 ppm
        - Long-term value: 123 mg/m³, 25 ppm
      - Sk, BMGV

- **Ingredients with biological limit values:**
  - **111-76-2 2-butoxyethanol**
    - BMGV
      - 240 mmol/mol creatinine
      - Medium: urine
      - Sampling time: post shift
      - Parameter: butoxyacetic acid

- **Additional information:** The lists that were valid during the compilation were used as basis.

- **8.2 Exposure controls**
  - **Personal protective equipment**
  - **General protective and hygienic measures** Instantly remove any soiled and impregnated garments.
  - **Breathing equipment:**
    - In case of brief exposure or low pollution use breathing filter apparatus. In case of intensive or longer exposure use breathing apparatus that is independent of circulating air.
  - **Protection of hands:**
    - Protective gloves.
    - 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 protection:** Safety glasses recommended during refilling.
**SECTION 9: Physical and chemical properties**

- **9.1 Information on basic physical and chemical properties**
  - **General Information**
  - **Appearance:**
    - **Form:** Fluid
    - **Colour:** Colourless
  - **Smell:** Characteristic
  - **Odour threshold:** Not determined.
  - **pH-value:** Not determined.
  - **Change in condition**
    - **Melting point/freezing point:** Not determined
    - **Initial boiling point and boiling range:** 100 °C
  - **Flash point:** Not applicable
  - **Inflammability (solid, gaseous)** Not applicable.
  - **Decomposition temperature:** Not determined.
  - **Self-inflammability:** Product is not self-igniting.
  - **Explosive properties:** Product is not explosive.
    - **Lower:** 2.2 Vol %
    - **Upper:** 12.6 Vol %
  - **Steam pressure at 20 °C:** 11 hPa
  - **Density at 20 °C:** 1.01 g/cm³
  - **Relative density** Not determined.
  - **Vapour density** Not determined.
  - **Evaporation rate** Not determined.
  - **Solubility in / Miscibility with**
    - **Water:** Not miscible or difficult to mix
  - **Partition coefficient: n-octanol/water:** Not determined.
  - **Viscosity:**
    - **Dynamic:** Not determined.
    - **Kinematic at 20 °C:** 30 s (ISO 3 mm)
  - **Solids content:** 26.4 %
  - **9.2 Other information**
    - No further relevant information available.

**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

(Contd. on page 5)
SECTION 11: Toxicological information

· 11.1 Information on toxicological effects
  · Acute toxicity: Based on available data, the classification criteria are not met.
  · Primary irritant effect:
    · 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.
  · CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)
    · 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.
    · 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.

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.
· Additional ecological information:
  · 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.
· 12.5 Results of PBT and vPvB assessment
  · PBT: Not applicable.
  · vPvB: Not applicable.
· 12.6 Other adverse effects
  · No further relevant information available.

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>08 00 00</td>
<td>WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS</td>
</tr>
<tr>
<td>08 01 00</td>
<td>wastes from MFSU and removal of paint and varnish</td>
</tr>
<tr>
<td>08 01 12</td>
<td>waste paint and varnish other than those mentioned in 08 01 11</td>
</tr>
</tbody>
</table>
· Uncleaned packagings:
  · Recommendation: Disposal must be made according to official regulations.
SECTION 14: Transport information

· 14.1 UN-Number
  · ADR, ADN, IMDG, IATA Void

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

· 14.3 Transport hazard class(es)
  · ADR, ADN, IMDG, IATA Void
  · Class Void

· 14.4 Packing group
  · ADR, IMDG, IATA Void

· 14.5 Environmental hazards:
  Not applicable.

· 14.6 Special precautions for user
  Not applicable.

· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code
  Not applicable.

· UN "Model Regulation": Void

SECTION 15: Regulatory information

· 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
  · Directive 2012/18/EU
  · Named dangerous substances - ANNEX I None of the ingredients is listed.
  · National regulations
  · Water hazard class: Water hazard class 1 (Self-assessment): slightly hazardous for water.

· 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 (*).

· Relevant phrases
  H302 Harmful if swallowed.
  H312 Harmful in contact with skin.
  H315 Causes skin irritation.
  H319 Causes serious eye irritation.
  H332 Harmful if inhaled.

· Department issuing data specification sheet: Productmanagement.

· Abbreviations and acronyms:
  ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
  IMDG: International Maritime Code for Dangerous Goods
  IATA: International Air Transport Association
  GHS: Globally Harmonised System of Classification and Labelling of Chemicals
  EINECS: European Inventory of Existing Commercial Chemical Substances
  ELINCS: European List of Notified Chemical Substances
  CAS: Chemical Abstracts Service (division of the American Chemical Society)
Product name LOBATOOL Reparaturset

PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Acute Tox. 4: Acute toxicity – Category 4
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Eye Irrit. 2: Serious eye damage/eye irritation – Category 2