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

1.1 Product identifier

- **Product name** LOBADUR Fugenkittlösung
- **Article number:** 11085-000
- **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 Spacings sealent

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

- **GHS02 flame**
  Flam. Liq. 2 H225 Highly flammable liquid and vapour.

- **GHS07**
  Eye Irrit. 2 H319 Causes serious eye irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.

- **Hazard pictograms**

- **GHS02**
- **GHS07**

- **Signal word** Danger

- **Hazard-determining components of labelling:**
  - acetone
  - propan-2-ol

- **Hazard statements**
  - H225 Highly flammable liquid and vapour.
  - H319 Causes serious eye irritation.
  - H336 May cause drowsiness or dizziness.
**Precautionary statements**

**P210** Keep away from open flames. - No smoking.

**P241** Use explosion-proof [electrical/ventilating/lighting] equipment.

**P261** Avoid breathing mist/vapours/spray.

**P280** Wear protective gloves / eye protection.

**P303+P361+P353** IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].

**P305+P351+P338** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**2.3 Other hazards**

**Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

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**SECTION 3: Composition/information on ingredients**

### 3.2 Mixtures

**Description:** Mixture of the substances listed below with harmless additions.

### Dangerous components:

| CAS: 67-64-1 | EINECS: 200-662-2 | Index number: 606-001-00-8 | Reg.nr.: 01-2119471330-49 | acetone | Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336, EUH066 | 50-100% |
| CAS: 9004-70-0 | EINECS: 200-661-7 | Index number: 603-117-00-0 | Reg.nr.: 01-2119457558-25 | nitrocellulose solutions, with not more than 12.6% nitrogen, by dry mass, and not more than 55% nitrocellulose | Unst. Expl., H200 | 10-15% |
| CAS: 67-63-0 | EINECS: 200-661-7 | Index number: 603-117-00-0 | Reg.nr.: 01-2119457558-25 | propan-2-ol | Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336 | 25-<10% |
| CAS: 108-65-6 | EINECS: 203-603-9 | Index number: 607-195-00-7 | Reg.nr.: 01-2119475791-29 | 2-methoxy-1-methylethyl acetate | Flam. Liq. 3, H226 | <2.5% |

**Additional information** For the wording of the listed hazard phrases refer to section 16.

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**SECTION 4: First aid measures**

### 4.1 Description of first aid measures

**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. If symptoms persist, consult doctor.

**After swallowing** In case of persistent symptoms consult doctor.

### 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

- **5.1 Extinguishing media**
  - Suitable extinguishing agents: CO₂, sand, extinguishing powder. Do not use water.
  - For safety reasons unsuitable extinguishing agents:
    - Water.
    - Water with a full water jet.

- **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**
  - Wear protective equipment. Keep unprotected persons away.

- **6.2 Environmental precautions:**
  - Do not allow product to reach sewage system or water bodies.
  - Prevent material from reaching sewage system, holes and cellars.
  - 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.
  - Do not flush with water or aqueous cleansing agents.

- **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**
  - Keep containers tightly sealed.
  - Store in cool, dry conditions in well-sealed containers.
  - Ensure good ventilation/exhaustion at the workplace.
  - Prevent formation of aerosols.

- **Information about protection against explosions and fires:**
  - Keep ignition sources away - Do not smoke.
  - Protect against electrostatic charges.

- **7.2 Conditions for safe storage, including any incompatibilities**
  - **Storage**
    - Requirements to be met by storerooms and containers: Store in cool location.
    - Information about storage in one common storage facility: Not required.
    - Further information about storage conditions:
      - Keep container tightly sealed.
      - Store in cool, dry conditions in well-sealed containers.
    - **Storage class** 3A
    - **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:**
    - **67-64-1 acetone**
      - WEL Short-term value: 3620 mg/m³, 1500 ppm
        - Long-term value: 1210 mg/m³, 500 ppm
    - **67-63-0 propan-2-ol**
      - WEL Short-term value: 1250 mg/m³, 500 ppm
        - Long-term value: 999 mg/m³, 400 ppm
    - **108-65-6 2-methoxy-1-methylethyl acetate**
      - WEL Short-term value: 548 mg/m³, 100 ppm
        - Long-term value: 274 mg/m³, 50 ppm

- **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.
  - **Individual protection measures, such as personal protective equipment**
    - **General protective and hygienic measures**
      - Keep away from foodstuffs, beverages and food.
      - Instantly remove any soiled and impregnated garments.
      - Wash hands during breaks and at the end of the work.
      - Avoid contact with the eyes.
      - Avoid contact with the eyes and skin.
    - **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.
    - **Hand protection**
      - Protective gloves.
      - To avoid skin problems reduce the wearing of gloves to the required minimum.
      - 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 penetration: Level ≤ 6
    - **Eye/face protection**
      - Tightly sealed safety glasses.
**SECTION 9: Physical and chemical properties**

- **9.1 Information on basic physical and chemical properties**
  - **General Information**
  - **Physical state**: Fluid
  - **Colour**: According to product specification
  - **Smell**: Recognisable
  - **Odour threshold**: Not determined.
  - **Melting point/freezing point**: Not determined
  - **Boiling point or initial boiling point and boiling range**: 55 °C
  - **Flammability**: Not applicable.
  - **Lower**: 2.6 Vol %
  - **Upper**: 13 Vol %
  - **Flash point**: -18 °C
  - **Self-inflammability**: Product is not selfigniting.
  - **Decomposition temperature**: Not determined.
  - **pH**: Not determined.
  - **Viscosity**: Not determined.
  - **Kinematic viscosity**: 900 mPas
  - **Steam pressure at 20 °C**: 247 hPa
  - **Density and/or relative density**
    - **Density at 20 °C**: 0.844 g/cm³
    - **Relative density**: Not determined.
  - **Vapour pressure**: Not determined.

- **9.2 Other information**
  - **Appearance**: Fluid
  - **Important information on protection of health and environment, and on safety**.
    - **Ignition temperature**: 180 °C
    - **Explosive properties**: Product is not explosive. However, formation of explosive air/steam mixtures is possible.
  - **Solids content**: 11.6 %
  - **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**: Highly flammable liquid and vapour.
  - **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
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.
  - LD/LC50 values that are relevant for classification:
    | 67-64-1 acetone     | 67-63-0 propan-2-ol | 108-65-6 2-methoxy-1-methylethyl acetate |
    | Oral LD50          | Oral LD50           | Oral LD50            |
    | 5,800 mg/kg (rat)  | 5,840 mg/kg (rat)   | 6,200 mg/kg (rat)   |
    | Dermal LD50        | Dermal LD50         | Dermal LD50          |
    | 20,000 mg/kg (rabbit) | 13,400 mg/kg (rabbit) | >2,000 mg/kg (rabbit) |
    |               | Inhalative LC50/4 h | Inhalative LC50/4 h |
    |               | 30 mg/l (rat)       | 35.7 mg/l (rat)     |
- Skin corrosion/irritation Based on available data, the classification criteria are not met.
- Serious eye damage/irritation Causes serious eye irritation.
- 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.
- STOT-single exposure May cause drowsiness or dizziness.
- 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
  - 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.

SECTION 13: Disposal considerations

- 13.1 Waste treatment methods
  - Recommendation
    - Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
    - After prior treatment product has to be landfilled or incinerated under adherence to the regulations pertaining to the disposal of especially hazardous waste.

<table>
<thead>
<tr>
<th>European waste catalogue</th>
<th>08 00 00</th>
<th>WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>08 01 00</td>
<td>wastes from MFSU and removal of paint and varnish</td>
</tr>
<tr>
<td></td>
<td>08 01 11*</td>
<td>waste paint and varnish containing organic solvents or other hazardous substances</td>
</tr>
</tbody>
</table>

- Uncleaned packagings:
  - Recommendation: Disposal must be made according to official regulations.

SECTION 14: Transport information

- 14.1 UN number or ID number
  - ADR, IMDG, IATA
    - UN1263
- 14.2 UN proper shipping name
  - ADR
    - 1263 PAINT RELATED MATERIAL
    - 1263 FARBZUBEHÖRSTOFFE
  - IMDG, IATA
    - PAINT RELATED MATERIAL
Product name LOBADUR Fugenkitlösung

- 14.3 Transport hazard class(es)
  - ADR, IMDG, IATA

  - Class
  - Label

- 14.4 Packing group
  - ADR, IMDG, IATA

  - Class
  - Label

- 14.5 Environmental hazards:
  - Marine pollutant:

- 14.6 Special precautions for user
  - Kemler Number:
  - EMS Number:
  - Stowage Category

- 14.7 Maritime transport in bulk according to IMO
  - Transport/Additional information:

  - ADR
    - Limited quantities (LQ)
    - Excepted quantities (EQ)

  - IMDG
    - Limited quantities (LQ)
    - Excepted quantities (EQ)

- UN "Model Regulation":

  - UN 1263 PAINT RELATED MATERIAL, 3, III

### 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.
  - Seveso category P5c FLAMMABLE LIQUIDS
  - Qualifying quantity (tonnes) for the application of lower-tier requirements 5,000 t
  - Qualifying quantity (tonnes) for the application of upper-tier requirements 50,000 t
  - REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3

- DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II

  None of the ingredients is listed.
Safety data sheet  
according to 1907/2006/EC, Article 31

Product name LOBADUR Fugenkitlösung

· 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
  H200 Unstable explosives.
  H225 Highly flammable liquid and vapour.
  H226 Flammable liquid and vapour.
  H319 Causes serious eye irritation.
  H336 May cause drowsiness or dizziness.
  EUH066 Repeated exposure may cause skin dryness or cracking.

· Department issuing data specification sheet: Productmanagement.
· Date of previous version: 22.01.2021
· Version number of previous version: 27

· 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)
  LC50: Lethal concentration, 50 percent
  LD50: Lethal dose, 50 percent
  PBT: Persistent, Bioaccumulative and Toxic
  vPvB: very Persistent and very Bioaccumulative
  Unst. Expl.: Explosives – Unstable explosive
  Flam. Liq. 2: Flammable liquids – Category 2
  Flam. Liq. 3: Flammable liquids – Category 3
  Eye Irrit. 2: Serious eye damage/eye irritation – Category 2
  STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

· Data compared to the previous version altered.