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

1.1. Product identifier

Butylkleber (gilt für die Butylkleber 7.2.2, 7.4, 7.5 und 7.6)

1.2. Relevant identified uses of the substance or mixture and uses advised against

**Use of the substance/mixture**

sealant

**Uses advised against**

Only use for the intended purpose.
The product is intended for professional use.

1.3. Details of the supplier of the safety data sheet

Company name: FDT Flachdach Technologie GmbH & Co. KG
Street: Eisenbahnstraße 6-8
Place: D-68199 Mannheim
Telephone: +49 (621) 8504100 Telefax: +49 (621) 8504200
e-mail: kundenservice@fdt.de
Contact person: Marco Anderer Telephone: +49 (621) 8504563
e-mail: marco.anderer@fdt.de
Internet: http://www.fdt.de
Responsible Department: Arbeitssicherheit und Umweltschutz

1.4. Emergency telephone number:

Poison Control Center (Mayence, GER)
+49 (0)6131-19240 (24h - de, en)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

This mixture is not classified as hazardous according to Regulation (EC) No. 1272/2008.

2.2. Label elements

**Additional advice on labelling**
The product is not subject to labelling.

2.3. Other hazards

The components in this mixture do not meet the criteria for classification as PBT or vPvB.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

**Chemical characterization**
The mixture does not contain any dangerous ingredients.

SECTION 4: First aid measures

4.1. Description of first aid measures

**General information**
In case of troubles or persistent symptoms, consult a doctor/physician. Remove persons from danger area and lie them down. Never orally infuse something to an unconscious person. No special first aid measures necessary. A vomiting, supine person must be brought into recovery position.

**After inhalation**
Provide fresh air. In case of respiratory tract irritation, consult a physician.
In case of irregular breathing or respiratory arrest, perform artificial respiration.

**After contact with skin**
After skin contact with melted product: 1. quickly cool with water (not ice), 2. burns caused by the melted product must be treated medically.

**After contact with eyes**
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**After ingestion**
Rinse mouth, spit liquid again. Do NOT induce vomiting. Let water be drunken in little sips (dilution effect). Call a physician immediately.

### 4.2. Most important symptoms and effects, both acute and delayed
No data available

### 4.3. Indication of any immediate medical attention and special treatment needed
Treat symptomatically.

#### SECTION 5: Firefighting measures

### 5.1. Extinguishing media

**Suitable extinguishing media**

**Unsuitable extinguishing media**
High power water jet.

### 5.2. Special hazards arising from the substance or mixture
Thermal decomposition can lead to harmful gases and vapours.

### 5.3. Advice for firefighters
Co-ordinate fire-fighting measures to the fire surroundings. Wear a self-contained breathing apparatus and chemical protective clothing.

#### SECTION 6: Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures
Avoid contact with skin, eyes and clothes. Wear personal protection equipment.

### 6.2. Environmental precautions
Do not allow to enter into surface water or drains.

### 6.3. Methods and material for containment and cleaning up
Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

### 6.4. Reference to other sections
Personal precautions: refer to section 8.
Safe handling: see section 7
Disposal: see section 13

#### SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Advice on safe handling**
Do not overheat. When processing the products in hot condition, wear suitable protective gloves, working clothes and glasses. Provide adequate ventilation as well as local exhaustion at critical locations.

**Advice on protection against fire and explosion**
No special measures are necessary.
7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels
Store only in original container. Keep container tightly closed in a cool, well-ventilated place.

7.3. Specific end use(s)
sealant

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Additional advice on limit values
Currently there are no further exposure limits available.

8.2. Exposure controls

Protective and hygiene measures
Change contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink. Avoid skin, eye and clothing contact. After contact with skin, wash immediately with plenty of water and soap or a suitable cleaning agent.

Eye/face protection
no special requirements

Hand protection
Protect skin by using skin protective cream. Wear suitable gloves. When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. Protective gloves made from Nitrile rubber or leather (providing insulation against the melted product).

Skin protection
no special requirements

Respiratory protection
no special requirements

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>solid</td>
</tr>
<tr>
<td>Colour</td>
<td>black</td>
</tr>
<tr>
<td>Odour</td>
<td>almost odorless</td>
</tr>
<tr>
<td>pH-Value</td>
<td>not determined</td>
</tr>
<tr>
<td>Changes in the physical state</td>
<td></td>
</tr>
<tr>
<td>Melting point</td>
<td>150-160 °C</td>
</tr>
<tr>
<td>Initial boiling point and boiling range</td>
<td>not determined</td>
</tr>
<tr>
<td>Flash point</td>
<td>not applicable</td>
</tr>
<tr>
<td>Flammability</td>
<td></td>
</tr>
<tr>
<td>Gas</td>
<td>not determined</td>
</tr>
<tr>
<td>Test method</td>
<td></td>
</tr>
<tr>
<td>Explosive properties</td>
<td>not determined</td>
</tr>
<tr>
<td>Lower explosion limits</td>
<td>not determined</td>
</tr>
<tr>
<td>Upper explosion limits</td>
<td>not determined</td>
</tr>
</tbody>
</table>
Ignition temperature: not determined

**Auto-ignition temperature**
- Solid: not determined
- Gas: not determined

**Oxidizing properties**
not determined

Vapour pressure: not determined
Density (at 20 °C): 1,230 g/cm³ ISO 2811
Water solubility: insoluble

**Solubility in other solvents**
miscible with most organic solvents
- Partition coefficient: not determined
- Viscosity / dynamic: not determined
- Viscosity / kinematic: not determined
- Vapour density: not determined
- Solvent content: Organic solvents: ca. 0,1%
- Water: ca. 0,0%

**9.2. Other information**
No further information available.

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**
No dangerous reactivity under regular conditions.

**10.2. Chemical stability**
The product is stable under regular conditions.

**10.3. Possibility of hazardous reactions**
No known hazardous reactions.

**10.4. Conditions to avoid**
No information available.

**10.5. Incompatible materials**
No information available.

**10.6. Hazardous decomposition products**
Gases/vapours, flammable

**SECTION 11: Toxicological information**

**11.1. Information on toxicological effects**

**Acute toxicity**
Based on available data, the classification criteria are not met.

**Irritation and corrosivity**
Based on available data, the classification criteria are not met.

**Sensitising effects**
Based on available data, the classification criteria are not met.

**STOT-single exposure**
Based on available data, the classification criteria are not met.
Severe effects after repeated or prolonged exposure
Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction
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
No data available.

12.2. Persistence and degradability
No data available.

12.3. Bioaccumulative potential
No data available.

12.4. Mobility in soil
No data available.

12.5. Results of PBT and vPvB assessment
The components in this mixture do not meet the criteria for classification as PBT or vPvB.

12.6. Other adverse effects
No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Advice on disposal
Smaller quantities can be disposed of into domestic waste.
Disposal according to official regulations.
Consult the local waste disposal expert about waste disposal. According to EAKV, allocation of waste identity numbers/waste descriptions must be carried out in a specific way for every industry and process.

Waste disposal number of waste from residues/unused products
080410 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants other than those mentioned in 08 04 09

Waste disposal number of contaminated packaging
150110 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); packaging containing residues of or contaminated by dangerous substances Classified as hazardous waste.

Contaminated packaging
Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number: -
14.2. UN proper shipping name: -
14.3. Transport hazard class(es): -
14.4. Packing group: -

Other applicable information (land transport)
Not restricted

Inland waterways transport (ADN)
14.1. UN number: -
14.2. UN proper shipping name: -
14.3. Transport hazard class(es): -
14.4. Packing group: -

Other applicable information (inland waterways transport)
Not restricted

Marine transport (IMDG)
14.1. UN number: -
14.2. UN proper shipping name: -
14.3. Transport hazard class(es): -
14.4. Packing group: -
Marine pollutant: Nein

Other applicable information (marine transport)
Not restricted

Air transport (ICAO)
14.1. UN number: -
14.2. UN proper shipping name: -
14.3. Transport hazard class(es): -
14.4. Packing group: -

Other applicable information (air transport)
Not restricted

14.5. Environmental hazards
ENVIRONMENTALLY HAZARDOUS: no

14.6. Special precautions for user
No special precautions known.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code
not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

EU regulatory information
2004/42/EC (VOC): 0,1%

Additional information
Regulation (EC) No. 1005/2009 on substances that lead to the depletion of the ozone layer: not applicable
Regulation (EC) No. 648/2004 (Detergents regulation): not applicable
REGULATION (EC) No 850/2004 on persistent organic pollutants: not applicable
REGULATION (EC) No 689/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL concerning the export and import of dangerous chemicals: This mix contains no chemicals that are subject to the export notification procedures (annex 1).
This mixture contains the following substances of very high concern (SVHC) which are included in the...
Safety Data Sheet

Butylkleber (gilt für die Butylkleber 7.2.2, 7.4, 7.5 und 7.6)

Candidate List according to Article 59 of REACH: none
This mixture contains the following substances of very high concern (SVHC) which are subject to
authorisation according to Annex XIV of REACH: none

National regulatory information
Water contaminating class (D): 1 - slightly water contaminating

15.2. Chemical safety assessment
Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information

Changes
Version 1.00 - Creation - 18.09.2014
Version 1.01 - Classification/Labeling according Regulation No.1272/2008 (GHS/CLP) and general
revision - 20.07.2015

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)
CAS: Chemical Abstracts Service
EC: Effective Concentration
EG: European Community (Europäische Gemeinschaft)
EN: European Norm
IATA: International Air Transport Association
IBC Code: International Code for the Construction and Equipment of ships carrying Dangerous
Chemicals in Bulk
ICAO: International Civil Aviation Organization
IMDG: International Maritime Code for Dangerous Goods
CLP: Classification, Labeling, Packaging
IUCLID: International Uniform Chemical Information Database
LC: Lethal concentration
LD: Lethal dose
log Kow: Octanol/water partition coefficient
MARPOL: Maritime Pollution Convention = Convention for the Prevention of Maritime Pollution from
Ships
OECD: Organisation for Economic Co-operation and Development
PBT: Persistent, bio-cumulative, toxic
RID: Regulation Concerning the International Transport of Dangerous Goods by Rail
TRGS: Technische Regel für Gefahrstoffe
VOC: Volatile Organic Compounds
vPvB: very persistent and very bio-cumulative
VwVwS: Administrative Regulation for Water Pollutants
WGK: German Water Hazard Class
GHS: Globally Harmonized System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
DNEL: Derived No Effect Level
PNEC: Predicted No Effect Concentration
TLV: Threshold Limiting Value
STOT: Specific Target Organ Toxicity

Further Information
The information given in this safety data sheet is to describe the product's safety regulations. It is not
for guaranteeing certain characteristics and is based on today's knowledge. The safety data sheet was
generated upon information of pre-suppliers by:
(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)