Pavement fixing resin component

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

1.1. Product identifier
Pavement fixing resin component

Further trade names
Pavement fixing resin component

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

1.3. Details of the supplier of the safety data sheet
Company name: KORODUR
Westphal Hartbeton GmbH & Co. KG
Street: Hohensteinstraße 19
Place: D-44866 Bochum- Wattenscheid
Telephone: +49(0)2327/94570
Telefax: +49(0)2327/321084
Contact person: Sander
Contact person: +49(0)2327/9457-17
Telephone: +49(0)2327/9457-17
Internet: www.korodur.de

1.4. Emergency telephone number:
+49(0)2327/94570

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification according to Regulation (EC) No. 1272/2008 [CLP]
Hazard Statements:
Causes skin and eye irritation.
May cause an allergic skin reaction.

2.2. Label elements
Hazardous components which must be listed on the label
Hazardous to the aquatic environment:
Signal word: Danger
Pictograms: GHS05-GHS07

Hazard statements
H315+H320 Causes skin and eye irritation.
H317 May cause an allergic skin reaction.

Precautionary statements
P337+P313 If eye irritation persists: Get medical advice/attention.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P363 Wash contaminated clothing before reuse.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P102 Keep out of reach of children.

SECTION 3: Composition/information on ingredients
3.2. Mixtures

### Hazardous components

<table>
<thead>
<tr>
<th>EC No</th>
<th>Chemical name</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>500-033-5</td>
<td>epoxy resin (number average molecular weight &lt;= 700), reaction product: bisphenol-A-(epichlorhydrin)</td>
<td>50 - 75 %</td>
</tr>
<tr>
<td>25068-38-6</td>
<td>Eye Irrit. 2, Skin Irrit. 2, Skin Sens. 1, Aquatic Chronic 2; H319 H315 H317 H411</td>
<td>5 - 15 %</td>
</tr>
<tr>
<td>603-074-00-8</td>
<td>Oxirane, mono[(C12-14-alkyloxy)methyl] derivs.</td>
<td>5 - 15 %</td>
</tr>
<tr>
<td>271-846-8</td>
<td>Skin Irrit. 2, Skin Sens. 1; H315 H317</td>
<td>5 - 15 %</td>
</tr>
<tr>
<td>68609-97-2</td>
<td>Skin Corr. 1, Resp. Sens. 1, Aquatic Acute 2; H314 H334 H401</td>
<td>5 - 15 %</td>
</tr>
</tbody>
</table>

Full text of R-, H- and EUH-phrases: see section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

**After inhalation**
Remove casualty to fresh air and keep warm and at rest. Immediately get medical attention.

**After contact with skin**
Take off immediately all contaminated clothing. After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, seek medical treatment.

**After contact with eyes**
In case of contact with eyes, rinse immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.

**After ingestion**
If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention. Do not induce vomiting.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

**Suitable extinguishing media**
Water. Foam. Carbon dioxide (CO2). Extinguishing powder. Sand. Extinguishing materials should be selected according to the surrounding area.

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

#### 5.2. Special hazards arising from the substance or mixture
Carbon monoxide. Carbon dioxide (CO2).

#### 5.3. Advice for firefighters
In case of fire: Wear self-contained breathing apparatus.

**Additional information**
Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.
SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
Wear personal protection equipment.

6.2. Environmental precautions
Do not empty into drains or the aquatic environment.

6.3. Methods and material for containment and cleaning up
Suitable material for diluting or neutralizing: sand sawdust. Universal binding agent. Treat the assimilated material according to the section on waste disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Advice on protection against fire and explosion
No special fire protection measures are necessary. Combustible.

7.2. Conditions for safe storage, including any incompatibilities
Requirements for storage rooms and vessels
Handle and open container with care. Keep/Store only in original container. Protect against: heat, frost. Do not store together with: Food and animal feedingstuff

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
Additional advice on limit values
refer to chapter 7. No further action is necessary.

8.2. Exposure controls
Eye/face protection
Tightly sealed safety glasses.

Hand protection
Tested protective gloves are to be worn: Butyl rubber. NR (Natural rubber (Caoutchouc), Natural latex).

Skin protection
Protective clothing: Chemical resistant safety shoes.

Respiratory protection
With correct and proper use, and under normal conditions, breathing protection is not required.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties
Physical state: liquid;
Colour: light yellow
Odour: characteristic

Changes in the physical state
Melting point: nicht bestimmt
Initial boiling point and boiling range: nicht bestimmt
Flash point: nicht bestimmt
Vapour pressure:
(at 20 °C) < 0,1 hPA hPa
Density (at 20 °C): 1,1 g/cm³ DIN 51757 g/cm³
SECTION 10: Stability and reactivity

10.3. Possibility of hazardous reactions
Kontakt mit aliphatischen Aminen und Merkaptanen führt zu einer irreversiblen Polymerisation unter beträchtlicher Wärmeentwicklung.

10.4. Conditions to avoid
Stabil bei bestimmungsmäßiger Verwendung.

10.6. Hazardous decomposition products
nicht bekannt.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Toxicocinetics, metabolism and distribution
After skin contact: sensitizing. Irritating to respiratory system.

Irritation and corrosivity
After skin contact: irritant.

SECTION 12: Ecological information

12.1. Toxicity
If product enters soil, it will be mobile and may contaminate groundwater

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Advice on disposal
Carry out a burning of hazardous waste according to official regulations. Waste key product: 200112 (Klebstoffe und Kunstharze)

SECTION 14: Transport information

Land transport (ADR/RID)

14.1. UN number: UN 3082
14.3. Transport hazard class(es): 9
14.4. Packing group: III
Hazard label: 9

Inland waterways transport (ADN)

14.1. UN number: UN 3082
14.3. Transport hazard class(es): 9
14.4. Packing group: III
Hazard label: 9

Marine transport (IMDG)

14.1. UN number: UN 3082
14.2. UN proper shipping name: Environmentally hazardous substance, liquid, n.o.s., epoxy resin
14.3. Transport hazard class(es): 9
### 14.4. Packing group:

| III |

Hazard label:

| 9 |

Marine pollutant:

| Nein |

#### Air transport (ICAO)

| UN 3082 |

| Environmentally hazardous substance, liquid, n.o.s., epoxy resin |

| 9 |

| III |

| IATA-packing instructions - Passenger: 914 |

#### 14.5. Environmental hazards

| ENVIRONMENTALLY HAZARDOUS: yes |

### SECTION 15: Regulatory information

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

| National regulatory information |

| Water contaminating class (D): 2 - water contaminating |

### SECTION 16: Other information

#### Relevant R-phrases (Number and full text)

- 36/38 Irritating to eyes and skin.
- 38 Irritating to skin.
- 43 May cause sensitisation by skin contact.
- 51 Toxic to aquatic organisms.
- 53 May cause long-term adverse effects in the aquatic environment.

#### Relevant H- and EUH-phrases (Number and full text)

- H314 Causes severe skin burns and eye damage.
- H315 Causes skin irritation.
- H315+H320 Causes skin and eye irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
- H401 Toxic to aquatic life.
- H411 Toxic to aquatic life with long lasting effects.

#### Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)