

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Pavement fixing resin component

Print date: 02.12.2015

Product code: 168

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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
e-mail:	info@korodur.de	
Contact person:	Sander	Telephone: +49(0)2327/9457-17
e-mail:	f.sander@korodur.de	
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

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3.2. Mixtures**Hazardous components**

EC No	Chemical name	Quantity
CAS No	Classification according to Directive 67/548/EEC	
Index No	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
REACH No		
500-033-5	epoxy resin (number average molecular weight \leq 700), reaction product: bisphenol-A-(epichlorhydrin)	50 - 75 %
25068-38-6	Xi - Irritant, N - Dangerous for the environment R36/38-43-51-53	
603-074-00-8	Eye Irrit. 2, Skin Irrit. 2, Skin Sens. 1, Aquatic Chronic 2; H319 H315 H317 H411	
271-846-8	oxirane, mono[(C12-14-alkyloxy)methyl] derivs.	5 - 15 %
68609-97-2	Xi - Irritant R38-43	
603-103-00-4	Skin Irrit. 2, Skin Sens. 1; H315 H317	
	Bisphenol-F-Epichlorhydrinharze mit einem durchschnittlichem Molekulargewicht \leq 700	5 - 15 %
28064-14-4	Xi - Irritant, N - Dangerous for the environment R36/38-43-51-53	
	Skin Corr. 1, Resp. Sens. 1, Aquatic Acute 2; H314 H334 H401	

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 mixtureCarbon 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.



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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

Test method

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/cm ³ DIN 51757 g/cm ³

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Water solubility: highly soluble.
Solvent separation test: nicht anwendbar

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****Toxicokinetics, 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

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14.4. Packing group: III
Hazard label: 9
Marine pollutant: Nein

Air transport (ICAO)

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
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.)