

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Industrial floor - fast screed

Print date: 02.12.2015

Product code: 108

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

##### 1.1. Product identifier

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##### Further trade names

HE 50 rapid (all Types)

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

##### Use of the substance/mixture

Building and construction work.

##### 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 serious eye damage.

Causes skin and eye irritation.

##### 2.2. Label elements

Signal word:	Warning
Pictograms:	GHS05-GHS07



##### Hazard statements

H318	Causes serious eye damage.
H315+H320	Causes skin and eye irritation.

##### Precautionary statements

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
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.
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		
	Corundum	10-60 %
1344-28-1		
01-2119529248-35		
266-043-4	Portland cement	10-15 %
65997-15-1	Xi - Irritant R37/38-41-43	
	Skin Irrit. 2, Eye Dam. 1; H315 H318	

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

**SECTION 4: First aid measures****4.1. Description of first aid measures****General information**

Seek medical attention if problems persist.

**After inhalation**

Provide fresh air. In case of irritation of the respiratory tract seek medical advice.

**After contact with skin**

After contact with skin, wash immediately with: In case of skin irritation, seek medical treatment.

**After contact with eyes**

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

**After ingestion**

Do not induce vomiting. Rinse mouth immediately and drink large quantities of water.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

The product itself is not combustible.

**Unsuitable extinguishing media**

High power water jet.

**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

See protective measures under point 7 and 8.

**6.2. Environmental precautions**

Do not empty into drains or the aquatic environment.

**6.3. Methods and material for containment and cleaning up**

Treat the assimilated material according to the section on waste disposal.

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

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**Advice on safe handling**

Working areas must be arranged in such a manner that they can be cleaned at all times.

**Advice on protection against fire and explosion**

Product is not: Combustible. Explosive.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep container tightly closed and in a well-ventilated place.

**Advice on storage compatibility**

Keep away from food, drink and animal feedingstuffs.

**Further information on storage conditions**

Observe technical data sheet.

**7.3. Specific end use(s)**

Observe technical data sheet.

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
1344-28-1	Aluminium oxides, respirable dust	-	4		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL
65997-15-1	Portland cement, respirable dust	-	4		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

**8.2. Exposure controls****Protective and hygiene measures**

Street clothing should be stored separately from work clothing. Wash hands before breaks and at the end of work.

**Eye/face protection**

Tightly sealed safety glasses.

**Hand protection**

Butyl rubber. NBR (Nitrile rubber). FKM (fluororubber).

**Skin protection**

Overall.

**Respiratory protection**

particulates filter device (DIN EN 143).

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state: Powder  
Colour: grey  
Odour: odourless

**Test method**

pH-Value (at 20 °C): 11-13,5

**Changes in the physical state**

Melting point: 1400 °C

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Density (at 20 °C):

2,1 g/cm<sup>3</sup>

Water solubility:

insoluble

**SECTION 10: Stability and reactivity****10.5. Incompatible materials**

Acid.

**SECTION 11: Toxicological information****11.1. Information on toxicological effects****Acute toxicity**

Frequently or prolonged contact with skin may cause dermal irritation.

**Irritation and corrosivity**

After skin contact: irritant.

**Sensitising effects**

After skin contact:sensitizing.

**SECTION 12: Ecological information****Further information**

[-]

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Advice on disposal**

Completely emptied packings can be re-cycled.

**Waste disposal number of waste from residues/unused products**

170101 CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES); concrete, bricks, tiles and ceramics; concrete

**Waste disposal number of used product**

170101 CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES); concrete, bricks, tiles and ceramics; concrete

**Waste disposal number of contaminated packaging**

101314 WASTES FROM THERMAL PROCESSES; wastes from manufacture of cement, lime and plaster and articles and products made from them; waste concrete and concrete sludge

**SECTION 14: Transport information****Land transport (ADR/RID)****14.2. UN proper shipping name:**

Not a hazardous material with respect to these transportation regulations.

**Inland waterways transport (ADN)****14.2. UN proper shipping name:**

Not a hazardous material with respect to these transportation regulations.

**Marine transport (IMDG)****14.2. UN proper shipping name:**

Not a hazardous material with respect to these transportation regulations.

**Air transport (ICAO)****14.2. UN proper shipping name:**

Not a hazardous material with respect to these transportation regulations.

**SECTION 15: Regulatory information**

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

Water contaminating class (D): 1 - slightly water contaminating

**SECTION 16: Other information****Relevant R-phrases (Number and full text)**

- |       |  |
|-------|--|
| 37/38 | Irritating to respiratory system and skin. |
| 41    | Risk of serious damage to eyes.            |
| 43    | May cause sensitisation by skin contact.   |

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

- |           |                                 |
|-----------|---------------------------------|
| H315      | Causes skin irritation.         |
| H315+H320 | Causes skin and eye irritation. |
| H318      | Causes serious eye damage.      |

**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.)*