

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

KORODUR hard aggregate

Print date: 02.12.2015

Product code: 10

Page 1 of 4

SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

KORODUR hard aggregate

Further trade names

KORODUR 0/4
KORODUR VS 0/5
KORODUR WH-Special
KORODUR WH-Metallic
KORODUR Diamond concrete

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**

Acc. to the EU guide lines and national law the product is not subject to labelling obligation.

2.2. Label elements**SECTION 3: Composition/information on ingredients****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		

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

SECTION 4: First aid measures



Safety Data Sheet

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KORODUR hard aggregate

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Product code: 10

Page 2 of 4

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. Avoid generation of dust.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

Working areas must be arranged in such a manner that they can be cleaned at all times. Do not breathe dust.

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

**Safety Data Sheet**

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KORODUR hard aggregate

Print date: 02.12.2015

Product code: 10

Page 3 of 4

8.1. Control parameters**Exposure limits (EH40)**

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

Additional advice on limit values

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8.2. Exposure controls**Appropriate engineering controls**

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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:	solid solid
Colour:	characteristic
Odour:	characteristic

Test method**Changes in the physical state**

Melting point: 1400 °C

Explosive properties

not explosive.

Oxidizing properties

Not oxidizing.

SECTION 10: Stability and reactivity**10.4. Conditions to avoid**

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10.5. Incompatible materials

Acid.

10.6. Hazardous decomposition products

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

**Safety Data Sheet**

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Page 4 of 4

SECTION 12: Ecological information**Further information**

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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****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**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.)