

Safety Data Sheet

according to Regulation (EC) No 1907/2006

Designfloor

Print date: 02.12.2015

Product code: 167

Page 1 of 5

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

1.1. Product identifier

Designfloor

Further trade names

Granidur, all Types

KCF, 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:	Danger
Pictograms:	GHS05-GHS07



Hazard statements

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

Precautionary statements

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P333+P313	If skin irritation or rash occurs: 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.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P302+P352	IF ON SKIN: Wash with plenty of water.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

Designfloor

Print date: 02.12.2015

Product code: 167

Page 2 of 5

P102

Keep out of reach of children.

2.3. Other hazards

Skin corrosion/irritation: Respiratory or skin sensitisation:

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		
266-043-4	Portland cement	5-20 %
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. Avoid generation of dust.

SECTION 7: Handling and storage

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

Designfloor

Print date: 02.12.2015

Product code: 167

Page 3 of 5

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

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

Additional advice on limit values

[-]

8.2. Exposure controls**Appropriate engineering 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

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

Designfloor

Print date: 02.12.2015

Product code: 167

Page 4 of 5

pH-Value (at 20 °C): 11-13,5

Changes in the physical state

Melting point: 1400 °C

Explosive properties

not explosive.

Oxidizing properties

Not oxidizing.

Density (at 20 °C): 2,1 g/cm³**SECTION 10: Stability and reactivity****10.4. Conditions to avoid**

[-]

10.5. Incompatible materials

Acid.

10.6. Hazardous decomposition products

[-]

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)**

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

Designfloor

Print date: 02.12.2015

Product code: 167

Page 5 of 5

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**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.)