



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

1.1 Product identifier

Identification on the label/Trade name

label designation/Name of product

Rapid Set FLOW Control

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

Relevant identified uses

Sector of uses [SU]

Chemical product for construction and industry

1.3 Details of the supplier of the safety data sheet

Supplier (manufacturer/importer/only representative/downstream user/distributor)

Korodur Westphal Hartbeton GmbH & Co.

Hohensteinstr. 19

Germany-44866 Bochum

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Dept. responsible for information: Technik

Emergency telephone number: +492327/9457-0

www.korodur.de

1.4 Emergency telephone number

No data available

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP]

remark

This substance is classified as not hazardous according to regulation (EC) No. 1272/2008 [CLP].

2.2 Label elements

No data available

2.3 Other hazards

No data available

SECTION 3: Composition / information on ingredients

remark

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

3.1/3.2 Mixture related information

Description

Gemisch

Hazardous ingredients

formaldehyde ...%

<0,1 %

CAS 50-00-0

EC 200-001-8

INDEX 605-001-00-5

REACHNo 01-2119488953-20

Carc.Cat.2 R45; Muta.Cat.3 R68; T R23/24/25; C R34; R43

Acute Tox. 3, H301 / Acute Tox. 3, H311 / Acute Tox. 3, H331 / Skin Corr. 1B, H314 / Skin

Sens. 1, H317 / Muta. 2, H341 / Carc. 1B, H350

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

Remove affected person from the danger area and lay down. In case of allergic symptoms, especially in the breathing area, seek medical advice immediately.



Following inhalation

Remove casualty to fresh air and keep warm and at rest.

Following skin contact

In case of skin irritation, consult a physician. After contact with skin, wash immediately with plenty of water and soap.

After eye contact

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and 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.

4.2 Most important symptoms and effects, both acute and delayed

Effects

Allergic reactions

4.3 Indication of any immediate medical attention and special treatment needed

Notes for the doctor

Treat symptomatically.

SECTION 5: Firefighting measures

Additional information

Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Co-ordinate fire-fighting measures to the fire surroundings.

5.1 Extinguishing media

Suitable extinguishing media

Water spray

Carbon dioxide (CO₂)

Foam

Extinguishing powder

Unsuitable extinguishing media

Full water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Carbon monoxide.

Carbon dioxide (CO₂)

Nitrogen oxides (NO_x)

5.3 Advice for firefighters

Special protective equipment for firefighters:

In case of fire: Wear self-contained breathing apparatus.

SECTION 6: Accidental release measures

Additional information

Clear spills immediately.

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Personal precautions

Use personal protection equipment. See protective measures under point 7 and 8. Avoid generation of dust.

6.2 Environmental precautions

Do not allow to enter into surface water or drains. In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities. Cover drains.

6.3 Methods and material for containment and cleaning up

For containment

Suitable material for taking up:

Sand

Kieselguhr

Universal binder

6.4 Reference to other sections

Personal protection equipment: see section 8

Disposal: see section 13



SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on general occupational hygiene

Wash contaminated clothing immediately. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff. Street clothing should be stored separately from work clothing.

Protective measures

Advices on safe handling

Never use pressure to empty container. Working places should be designed to allow cleaning at any time. Wear personal protection equipment (see chapter 8). Do not breathe gas/fumes/vapour/spray.

Measures to prevent fire

Keep away from sources of ignition. - No smoking.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed. Keep/Store only in original container.

Polyethylene (PE)

Hints on joint storage

Materials to avoid

Keep away from food, drink and animal feedingstuffs.

Storage class

Non-combustible solids

Further information on storage conditions

Protect against:

Frost

Humidity

Heat

7.3 Specific end use(s)

Recommendation

Observe technical data sheet.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

remark

To date, no national critical limit values exist.

8.2 Exposure controls

Personal protection equipment

Eye/face protection

Suitable eye protection:

Tightly sealed safety glasses.

Eye glasses with side protection

Skin protection

Skin protection

Suitable material:

NBR (Nitrile rubber)

Butyl caoutchouc (butyl rubber)

Body protection:

Suitable protective clothing:

Disposable suit

Protective apron

Respiratory protection

If technical suction or ventilation measures are not possible or are insufficient, protective breathing apparatus must be worn.



SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state

Powder

Colour

white

Odour

characteristic

		parameter	Method - source - remark
pH	9 - 11,4	at °C: 20 °C at g/L 200 g/l	
Melting point/freezing point			No data available
Initial boiling point and boiling range			No data available
Flash point (°C)			No data available
Evaporation rate			No data available
Flammable solids			No data available
Flammable aerosols			No data available
Upper explosion limit (Vol-%)			No data available
Lower explosion limit (Vol-%)			No data available
Vapour pressure			No data available
Density			No data available
Vapour density			No data available
Fat solubility (g/L)			No data available
Water solubility (g/L)			very soluble
Soluble (g/L) in			No data available
Partition coefficient: n-octanol/water	<-4		
Auto-ignition temperature	>720 °C		
Auto-ignition temperature			No data available
Decomposition temperature			No data available
Explosives			No data available
Oxidising gases			No data available
Oxidising liquids			No data available
Oxidising solids			No data available
Dynamic viscosity	ca.975 mPa*s	at °C: 23 °C	
flow time			No data available
Kinematic viscosity			No data available

9.2 Other safety information

Basic test for hazard evaluation of dusts

Dust explosibility

Test results >0 - 200 bar*m/s



evaluation

Dust explosion category: St 1

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available

10.2 Chemical stability

The product is stable under storage at normal ambient temperatures.

10.3 Possibility of hazardous reactions

No hazardous reaction when handled and stored according to provisions.

10.4 Conditions to avoid

No data available

10.5 Incompatible materials

Materials to avoid

Acid, concentrated

Alkali (lye), concentrated

Oxidising agent, strong

Reducing agent, strong

10.6 Hazardous decomposition products

No data available

SECTION 11: Toxicological information

Additional information

Bei einmaliger Berührung mit der Haut praktisch nicht toxisch. Nach einmaliger inhalativer Aufnahme praktisch nicht toxisch. Nach einmaliger orale Aufnahme praktisch nicht toxisch. Aufgrund der verfügbaren Daten sind die Einstufungskriterien nicht erfüllt. Das Produkt wurde nicht geprüft. Die Aussage ist von den Eigenschaften der Einzelkomponenten abgeleitet.

11.1 Information on toxicological effects

Respiratory or skin sensitisation

Skin sensitisation

Assessment/classification

May cause an allergic skin reaction.

SECTION 12: Ecological information

12.1 Toxicity

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

Partition coefficient: n-octanol/water

Distribution coefficient (n-octanol / water) (log P O/W): 3,242

Distribution coefficient (n-octanol / water) (log P O/W): 3,6

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

12.6 Other adverse effects

No data available

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Appropriate disposal / Product

Appropriate disposal/Product:

Waste disposal according to official state regulations.



Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

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Appropriate disposal / Package

Contaminated packaging:

Handle contaminated packaging in the same way as the substance itself. Contaminated packing must be completely emptied and can be re-used following appropriate cleaning.

SECTION 14: Transport information

	Land transport (ADR/RID)	Sea transport (IMDG)	Air transport (ICAO-TI / IATA-DGR)
14.1 UN-No.	not applicable	not applicable	not applicable
14.2 Proper Shipping Name			
14.3 Class(es)			
14.4 Packing group			
14.5 ENVIRONMENTALLY HAZARDOUS			
14.6 Special precautions for user			
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code			

remark - Land transport (ADR/RID)

No dangerous good in sense of this transport regulation.

remark - Sea transport (IMDG)

No dangerous good in sense of this transport regulation.

remark - Air transport (ICAO-TI / IATA-DGR)

No dangerous good in sense of this transport regulation.

SECTION 15: Regulatory information

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

National regulations

Germany

Water hazard class (WGK)

schwach wassergefährdend (WGK 1)

source

Classification according to VwVwS, Annex 4.

15.2 Chemical Safety Assessment

No data available

SECTION 16: Other information

Relevant R-, H- and EUH-phrases (Number and full text)

- H315 Causes skin irritation.
- H317 May cause an allergic skin reaction.
- H319 Causes serious eye irritation.
- H411 Toxic to aquatic life with long lasting effects.

Key literature references and sources for data

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.