

Safety Data Sheet

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



Trade name : Schlüter®-KERDI-COLL-RL
Revision date : 25.08.2016

Version (Revision) : 1

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

1.1 Product identifier

Product name: Schlüter®-KERDI-COLL-RL

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

Identified uses

Sealant.

1.3 Details of the supplier of the safety data sheet

Supplier

Street : Schlüter-Systems KG
Schmölestr. 7
Postal code/city : D-58640 Iserlohn
Telephone : +49 (0) 2371-971-240
Telefax : +49 (0) 2371-971-339
Information contact : sdb@schlueter.de
Anwendungstechnik

1.4 Emergency telephone number

Tel.: +49 (0) 2371-971-240
Fax: +49 (0) 2371-971-339

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

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

Physical and chemical hazards	Not classified.
Human health	Skin Irrit. 2 - H315; Eye Dam. 1 - H318
Environment	Not classified.

Classification according to (1999/45/EEC)

Xi;R36.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

2.2 Label elements

Contains PORTLAND CEMENT

Labelling according to Regulation (EC) Nr. 1272/2008 [CLP]



Signal word Danger

Hazard statements

H315	Causes skin irritation.
H318	Causes serious eye damage.

Sicherheitshinweise

P102	Keep out of reach of children.
P280	Wear protective gloves. Wear eye protection.
P262	Do not get in eyes, on skin, or on clothing.
P337+313	If eye irritation persists: Get medical advice/attention.
P402	Store in a dry place. Dispose of contents/container in accordance with local regulations.
P501	Dispose of contents/container in accordance with regional regulations.

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Supplementary
Precautionary Statements

P264

P305+351+338

Dispose of contents/container in accordance with national regulations.
Dispose of contents/container in accordance with international regulations.

Wash contaminated skin thoroughly after handling.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

2.3 Other hazards

SECTION 3: Composition/information on ingredients

3.2 Mixtures

PORTLAND CEMENT >3%

CAS-No.: 65997-15-1

EC-No.: 266-043-4

Classification (EC 1272/2008)

Skin Irrit. 2 - H315

Eye Dam. 1 - H318

STOT SE 3 - H335

Classification (67/548/EWG)

Xi;R41,R37/38.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

No recommendation given.

Following inhalation

Get medical attention if any discomfort continues.

In case of skin contact

Rinse with water. Contact physician if discomfort continues. Contact physician if irritation continues.

After eye contact

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Contact physician if irritation persists. Do not rub eye.

After ingestion

Rinse mouth thoroughly. Get medical attention if any discomfort continues.

4.2 Most important symptoms and effects, both acute and delayed

Following inhalation

No specific symptoms noted.

After ingestion

No specific symptoms noted.

In case of skin contact

Prolonged skin contact may cause redness and irritation.

After eye contact

May cause blurred vision and serious eye damage.

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

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SECTION 5: Firefighting measures

- 5.1 Extinguishing media**
Extinguishing media
The product is non-combustible.
- 5.2 Special hazards arising from the substance or mixture**
Hazardous combustion products
No hazardous decomposition products.
Unusual Fire & Explosion Hazards
Not known.
Specific hazards
Not relevant.
- 5.3 Advice for firefighters**
No specific fire fighting procedure given.

SECTION 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures**
For personal protection, see section 8. Avoid inhalation of dust. Avoid contact with eyes and prolonged skin contact.
- 6.2 Environmental precautions**
Collect and dispose of spillage as indicated in section 13. Do not allow to enter drains, sewers or watercourses
- 6.3 Methods and material for containment and cleaning up**
Avoid generation and spreading of dust. Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like.
- 6.4 Reference to other sections**
For personal protection, see section 8. For waste disposal, see section 13.

SECTION 7: Handling and storage

- 7.1 Precautions for safe handling**
Avoid contact with skin and eyes. Avoid eating, drinking and smoking when using the product. Avoid inhalation of dust.
- 7.2 Conditions for safe storage, including any incompatibilities**
Technical measures and storage conditions
Keep in original container. Store in a dry place.
Storage Class
Storage Class: 13
- 7.3 Specific end use(s)**
The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure controls/personal protection

- 8.1 Control parameters**
- | Name | STD | TWA - 8 Hrs | STEL - 15 Min | Notes |
|-----------------|-----|----------------------|---------------|-------|
| PORTLAND CEMENT | WEL | 10 mg/m ³ | | |
- WEL = Workplace Exposure Limit.
- 8.2 Exposure controls**
Protective equipment



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Process conditions

Use engineering controls to reduce air contamination to permissible exposure level.

Engineering measures

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Respiratory equipment

Wear respirator if there is dust formation. Dust filter P2 (for fine dust).

Hand protection

Protective gloves should be used if there is a risk of direct contact or splash. For exposure of 4 to 8 hours use gloves made of: Nitrile. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

Eye protection

Wear approved safety goggles.

Other protection

Wear appropriate clothing to prevent reasonably probable skin contact.

Hygiene measures

Use appropriate skin cream to prevent drying of skin. Wash hands after handling. When using do not eat, drink or smoke.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Powder, dust
Colour	Grey
Odour	Mineral.
Solubility	Hardens in contact with water. Aqueous solutions are basic.
Initial boiling point and boiling range (°C)	Not applicable.
Melting point (°C)	> 1250 °C
Relative density	2,75 - 3,20 g/cm ³
Bulk Density	900 - 1300 kg/m ³
Vapour density (air=1)	Not applicable.
Vapour pressure	Not applicable.
Evaporation rate	Not applicable.
Evaporation factor	Not applicable.
pH-Value, Conc. Solution	11,0 – 12,5
Viscosity	Not applicable.
Solubility Value (G/100G, H2O 20°C)	0,1 - 1,5 g/l
Decomposition temperature (°C)	Not applicable.
Odour Threshold, Lower	Not applicable.
Odour Threshold, Upper	Not applicable.
Flash point (°C)	Not applicable.
Auto Ignition Temperature (°C)	Not applicable.
Flammability Limit - Lower(%)	Not applicable.
Flammability Limit - Upper(%)	Not applicable.
Explosive properties	Not applicable.
Oxidising properties	Not applicable.

9.2 Other information

Not relevant.

SECTION 10: Stability and reactivity

10.1 Reactivity

There are no known reactivity hazards associated with this product.

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10.2 Chemical stability

No particular stability concerns.

10.3 Possibility of hazardous reactions

Not applicable.

10.4 Conditions to avoid

The product will harden into a hard mass in contact with water and moisture.

10.5 Incompatible materials

Materials to avoid: Strong acids.

10.6 Hazardous decomposition products

No hazardous decomposition products.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

Acute toxicity (Oral LD50)	Not relevant.
Acute toxicity (Dermal LD50)	Not relevant.
Acute toxicity (Inhalation LC50)	Not relevant.

Skin Corrosion/Irritation

Irritating.

Respiratory or skin sensitisation

Respiratory sensitisation	Not relevant.
Skin sensitisation	Not relevant.

Germ cell mutagenicity

Genotoxicity - In Vitro	Not relevant.
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Reproductive toxicity

Reproductive toxicity - Fertility	Not applicable.
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Specific target organ toxicity - single exposure

Respiratory irritant effects that impair function with symptoms such as cough, pain, choking, and breathing difficulties.

Specific target organ toxicity - repeated exposure

Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard

Based on available data the classification criteria are not met.

Inhalation

May cause irritation to the respiratory system.

Ingestion

Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.

Skin contact

Irritating to skin.

Eye contact

Risk of serious damage to eyes.

Health warnings

Irritating to skin. May cause severe irritation to eyes.

Route of entry

Skin and/or eye contact.

Medical considerations

Splash in eye requires examination by eye specialist.

Toxicological information on ingredients

PORTLAND CEMENT (CAS: 65997-15-1)

Acute toxicity

Acute toxicity (Oral LD50)	Not relevant.
Acute toxicity (Dermal LD50)	Not relevant.
Acute toxicity (Inhalation LC50)	Not relevant.

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Skin Corrosion/Irritation

Irritating.

Respiratory or skin sensitisation

Respiratory sensitisation

Not relevant.

Skin sensitisation

Not relevant.

Germ cell mutagenicity

Genotoxicity - In Vitro

Not relevant.

Reproductive toxicity

Reproductive toxicity - Fertility

Not applicable.

Specific target organ toxicity - single exposure

Respiratory irritant effects that impair function with symptoms such as cough, pain, choking, and breathing difficulties.

Specific target organ toxicity - repeated exposure

Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard

Based on available data the classification criteria are not met.

Inhalation

Dust may irritate respiratory system or lungs.

Ingestion

Ingestion may cause severe irritation of the mouth, the oesophagus and the gastrointestinal tract.

Skin contact

Repeated exposure may cause skin dryness or cracking. Dust has an irritating effect on moist skin.

Eye contact

Risk of serious damage to eyes.

Health warnings

Irritating to skin. May cause severe irritation to eyes.

Route of entry

Skin and/or eye contact.

Medical considerations

Splash in eye requires examination by eye specialist.

SECTION 12: Ecological information

12.1 Toxicity

Acute toxicity - fish	Not relevant.
Acute toxicity - aquatic invertebrates	Not relevant.
Acute toxicity - aquatic plants	Not relevant.
Acute toxicity - microorganisms	Not relevant.
Acute toxicity - terrestrial	Not relevant.

Ecological information on ingredients

PORTLAND CEMENT (CAS: 65997-15-1)

Acute toxicity - fish	Not relevant.
Acute toxicity - aquatic invertebrates	Not relevant.
Acute toxicity - aquatic plants	Not relevant.
Acute toxicity - microorganisms	Not relevant.
Acute toxicity - terrestrial	Not relevant.

12.2 Persistence and degradability

Degradability

The product solely consists of inorganic compounds which are not biodegradable.

Ecological information on ingredients.

PORTLAND CEMENT (CAS: 65997-15-1)

Degradability

The product solely consists of inorganic compounds which are not biodegradable.

12.3 Bioaccumulative potential

The product is not bioaccumulating.

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Ecological information on ingredients.

PORTLAND CEMENT (CAS: 65997-15-1)
The product is not bioaccumulating.

12.4 Mobility in soil

The product hardens to a solid immobile substance.

Ecological information on ingredients.

PORTLAND CEMENT (CAS: 65997-15-1)
The product hardens to a solid immobile substance.

12.5 Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

Ecological information on ingredients.

PORTLAND CEMENT (CAS: 65997-15-1)

This product does not contain any PBT or vPvB substances.

12.6 Other adverse effects

Not applicable.

Ecological information on ingredients.

PORTLAND CEMENT (CAS: 65997-15-1)

Not applicable.

SECTION 13: Disposal considerations

General information

The packaging should be collected for reuse.

13.1 Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements. Powder to be collected, sealed tightly in bags and disposed on approved landfills.

Waste code

170904: mixed construction and demolition wastes other than those mentioned in 170901, 170902 and 170903

ABSCHNITT 14: Angaben zum Transport

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1 UN number

Not applicable.

14.2 UN proper shipping name

Not applicable.

14.3 Transport hazard class(es)

Transport labels

No transport warning sign required.

14.4 Packing group

Not applicable.

14.5 Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant No.

14.6 Special precautions for user

Not applicable.

14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Not applicable.

SECTION 15: Regulatory information

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

EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling

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and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

15.2 Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Revision Comments

This is first issue.

Issued By	Anwendungstechnik
Revision	1
Date	28/05/2015

Risk Phrases In Full

R36	Irritating to eyes.
R37/38	Irritating to respiratory system and skin.
R41	Risk of serious damage to eyes.

Hazard Statements In Full

H315	Causes skin irritation.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.