

EU safety data sheet

Trade name: schnellabbindende Zementprodukte

Product no.: K-PS

Current version : 1.0.1, Revision:: 30.10.2025

Replaced version: 1.0.0, Revision:: 14.12.2023

Region: GER

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

1.1 Product identifier

Trade name

**schnellabbindende Zementprodukte
SICHERHEITSKLEBER SCHNELL + FLEXIBEL
FLE XKLEBER SCHNELL 440
FUGENBREIT FLEXIBEL & SCHNELL (grau)
R&R-HOCHLEISTUNGSMÖRTEL
REPARATURMÖRTEL**

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

Relevant identified uses of the substance or mixture

Chemical product for building, modernising and repairing.

Uses advised against

No data available.

1.3 Details of the supplier of the safety data sheet

Address

LUGATO GmbH & Co. KG
Großer Kamp 1
D-22885 Barsbüttel

Telephone no. +49 (0)40 694 07-0

Fax no. +49 (0)40 694 07-109 + 110

Advice on Safety Data Sheet

sicherheit@lugato.de

1.4 Emergency telephone number

For medical advice (in German and English):

+49 (0)551 192 40 (Giftinformationszentrum Nord)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification in accordance with Regulation (EC) No 1272/2008 (CLP)

Eye Dam. 1; H318

Skin Irrit. 2; H315

STOT SE 3; H335

Classification information

Classification and labelling with respect to skin sensitization and/or respiratory sensitization are based on toxicological studies performed on the product (mixture).

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)

Hazard pictograms

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GHS05



GHS07

Signal word

Danger

Hazardous component(s) to be indicated on label:

Portland cement

Hazard statement(s)

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

Precautionary statement(s)

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P501 Dispose of contents/container to hazardous or special waste collection point.

Labelling information

These mixtures are considered to be low in chromate in accordance with EC-regulation 1907/2006, annex XVII (47). The proportion of water soluble chromate (VI) is below 2 ppm (mg/kg).

2.3 Other hazards

No data available.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable. The product is not a substance.

3.2 Mixtures

Chemical characterization

Preparation containing hazardous components given in the following list.

Hazardous ingredients

No	Substance name	Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration %
1	Portland cement		
	65997-15-1 266-043-4 - -	Eye Dam. 1; H318 Skin Irrit. 2; H315 STOT SE 3; H335 Skin Sens. 1; H317	>= 25,00 - < 50,00 wt%
2	Portland cement, Flue dust		
	68475-76-3 270-659-9 - 01-2119486767-17	Eye Dam. 1; H318 Skin Irrit. 2; H315 STOT SE 3; H335 Skin Sens. 1; H317	< 2,50 wt%

Full text of H- and EUH-phrases, if not already mentioned in section 2.2: see section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In case of persisting adverse effects, consult a physician.

After inhalation

Ensure supply of fresh air.

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After skin contact

In case of contact with skin wash off immediately with copious amounts of water.

After eye contact

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Seek medical assistance.

After ingestion

Rinse out mouth and give plenty of water to drink. Seek medical advice immediately. Never give anything by mouth to an unconscious person.

4.2 Most important symptoms and effects, both acute and delayed

No data available.

4.3 Indication of any immediate medical attention and special treatment needed

No data available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Product itself is non-combustible; adapt fire extinguishing measures to surrounding areas.

Unsuitable extinguishing media

No data available.

5.2 Special hazards arising from the substance or mixture

No data available.

5.3 Advice for firefighters

Cement reacts strongly alkaline with water.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Refer to protective measures listed in sections 7 and 8. Avoid dust formation.

For emergency responders

No data available. Personal protective equipment (PPE) - see Section 8.

6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

6.3 Methods and material for containment and cleaning up

Collect mechanically. Product sets hard together with water, Send in suitable containers for recovery or disposal.

6.4 Reference to other sections

No data available.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling

Ensure adequate ventilation. Transport only in closed packing containers. Before use stand sacks upright and separate head piece (cover sheet) cleanly by cutting open. Carefully fill the powder, according to the instructions, into mixing vessels containing water. Avoid the formation and deposition of dust. Refer to protective measures listed in section 8.

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Wash hands before breaks and after work.

Advice on protection against fire and explosion

No special measures necessary.

7.2 Conditions for safe storage, including any incompatibilities

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Technical measures and storage conditions

Store in a dry place. Protect from atmospheric moisture and water.

Requirements for storage rooms and vessels

Keep in original packaging, tightly closed.

Incompatible products

None known

Storage Class according TRGS 510

13 Nicht brennbare Feststoffe, die keiner der vorgenannten LGK zuzuordnen sind

7.3 Specific end use(s)

No data available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

No parameters available for monitoring.

Other information

Measurement method for determining the dust concentration: according to BIA worksheet 7490.

8.2 Exposure controls

Appropriate engineering controls

No data available.

Personal protective equipment

Respiratory protection

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. Short term: filter apparatus, Filter P2

Eye / face protection

Safety glasses with side protection shield (EN 166)

Hand protection

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

Appropriate Material Nitrile impregnated protective gloves

Other

Light protective clothing

Environmental exposure controls

No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

State of aggregation

solid

Form

Powder

Colour

grey

Odour

No data available

pH value

No data available

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Boiling point / boiling range	No data available
Melting point/freezing point	No data available
Decomposition temperature	No data available
Flash point	Not applicable
Ignition temperature	No data available
Flammability	No data available
Lower explosion limit	No data available
Upper explosion limit	No data available
Vapour pressure	No data available
Relative vapour density	No data available
Relative density	Value 1,46
Density	No data available
Solubility	No data available
Partition coefficient n-octanol/water (log value)	No data available
Kinematic viscosity	No data available
Particle characteristics	No data available

9.2 Other information

Other information
No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity

No data available.

10.2 Chemical stability

No data available.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

No data available.

10.5 Incompatible materials

None known.

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10.6 Hazardous decomposition products

No hazardous decomposition products known.

SECTION 11: Toxicological information

11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

Acute oral toxicity	
No data available	

Acute dermal toxicity			
No	Substance name	CAS no.	EC no.
1	Portland cement, Flue dust	68475-76-3	270-659-9
LD50		>	2000 mg/kg bodyweight
Species		rat	
Method		OECD 402	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

Acute inhalational toxicity			
No	Substance name	CAS no.	EC no.
1	Portland cement, Flue dust	68475-76-3	270-659-9
LC50		>	6,04 mg/l
Duration of exposure		4	h
State of aggregation		Dust	
Species		rat	
Method		OECD 436	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

Skin corrosion/irritation			
No	Substance name	CAS no.	EC no.
1	Portland cement, Flue dust	68475-76-3	270-659-9
Duration of exposure		60	min
Species		Human Skin Model	
Method		OECD	
Source		ECHA	
Evaluation		irritant	
Evaluation/classification		Based on available data, the classification criteria are met.	

Serious eye damage/irritation			
No	Substance name	CAS no.	EC no.
1	Portland cement, Flue dust	68475-76-3	270-659-9
Method		OECD 438	
Source		ECHA	
Evaluation		Irreversible effects on the eye	
Evaluation/classification		Based on available data, the classification criteria are met.	

Respiratory or skin sensitisation	
Product Name	
schnellabbindende Zementprodukte SICHERHEITSKLEBER SCHNELL + FLEXIBEL FLEXKLEBER SCHNELL 440 FUGENBREIT FLEXIBEL & SCHNELL (grau) R&R-HOCHLEISTUNGSMÖRTEL REPARATURMÖRTEL	
Route of exposure	Skin
Evaluation/classification	Based on available data, the classification criteria are not met.

Germ cell mutagenicity			
No	Substance name	CAS no.	EC no.
1	Portland cement, Flue dust	68475-76-3	270-659-9
Route of exposure		inhalational	

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Type of examination	In vivo Mammalian Alkaline Comet Assay
Species	rat
Method	OECD 489
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.

Reproduction toxicity			
No	Substance name	CAS no.	EC no.
1	Portland cement, Flue dust	68475-76-3	270-659-9
Route of exposure		oral	
NOAEC		1010	mg/kg bw/d
Duration of exposure		7	week/s
Species	rat		
Method	OECD 422		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Carcinogenicity
No data available

STOT - single exposure
No data available

STOT - repeated exposure
No data available

Aspiration hazard
No data available

Endocrine disrupting properties
No data available

Symptoms related to the physical, chemical and toxicological characteristics
The product can cause skin and eye irritation.

Delayed and immediate effects as well as chronic effects from short and long-term exposure
Inhalation may lead to irritation of the respiratory tract.

11.2 Information on other hazards

Other information

No data available.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish (acute)			
No	Substance name	CAS no.	EC no.
1	Portland cement, Flue dust	68475-76-3	270-659-9
LC50	>	11,1	mg/l
Duration of exposure		96	h
Species	Danio rerio		
Method	OECD 203		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Toxicity to fish (chronic)
No data available

Toxicity to Daphnia (acute)			
No	Substance name	CAS no.	EC no.
1	Portland cement, Flue dust	68475-76-3	270-659-9
EL50	>	100	mg/l
Duration of exposure		48	h
Species	Daphnia magna		

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Method	OECD 202
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.

Toxicity to Daphnia (chronic)			
No	Substance name	CAS no.	EC no.
1	Portland cement, Flue dust	68475-76-3	270-659-9
NOEC		50	mg/l
Duration of exposure		21	day(s)
Species	Daphnia magna		
Method	OECD 211		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Toxicity to algae (acute)			
No	Substance name	CAS no.	EC no.
1	Portland cement, Flue dust	68475-76-3	270-659-9
EC50		22,4	mg/l
Duration of exposure		72	h
Species	Desmodesmus subspicatus		
Method	OECD 201		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Toxicity to algae (chronic)	
No data available	

Bacteria toxicity	
No data available	

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Endocrine disrupting properties

No data available.

12.7 Other adverse effects

No data available.

12.8 Other information

Other information
Do not discharge into drains or waters and do not dispose of in public landfills.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

Packaging

Completely emptied packagings can be given for recycling. Packaging that cannot be cleaned should be disposed of in agreement with the regional waste disposal company.

SECTION 14: Transport information

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14.1 UN number or ID number

Not classified as dangerous in the meaning of transport regulations.

14.2 UN proper shipping name

Not classified as dangerous in the meaning of transport regulations.

14.3 Transport hazard class(es)

Not classified as dangerous in the meaning of transport regulations.

14.4 Packing group

Not classified as dangerous in the meaning of transport regulations.

14.5 Environmental hazards

Not classified as dangerous in the meaning of transport regulations.

14.6 Special precautions for user

No data available.

14.7 Maritime transport in bulk according to IMO instruments

Not relevant

SECTION 15: Regulatory information

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

EU regulations

Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

REACH candidate list of substances of very high concern (SVHC) for authorisation

According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES

The product contains following substance(s) that are considered being subject to REACH regulation (EC) 1907/2006 annex XVII.

No	Substance name	CAS no.	EC no.	No
1	Citric acid	77-92-9	201-069-1	75

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances

This product is not subject to Part 1 or 2 of Annex I.

Other regulations

Employment restrictions, according to the regulations for protection of expectant and nursing mothers and the youth health and safety regulations, serving to protect against hazardous materials, should be observed.

National regulations

Water Hazard Class (Germany)

Class

1

Source

Classification according to AwSV (Regulation on facilities for handling substances that are hazardous to water).

Other regulations

GISCODE: ZP1 "cement-containing products, low in chromate"

15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

SECTION 16: Other information

