Safety data sheet

according to UK REACH

baumit.com

Printing date 26.03.2025 *Version number 7 (replaces version 6)* *Revision: 26.03.2025*

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

1.1 Product identifier

Trade name: ***FundamentDickbeschichtung 2 K Flex Komp. B***

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

Product category cement binder

Application of the substance / the mixture Ready-mixed mortar

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:
Baumit GmbH
Reckenberg 12
D-87541 BAD HINDELANG
Telefon: + 49 8324 921 1025
Telefax: + 49 49 8324 921 1029
eMail (sachkundige Person): sdb@baumit.de

Further information obtainable from: Department product safety

1.4 Emergency telephone number:

Members of the public seeking specific information on poisons should contact:
In England and Wales: NHS 111 - dial 111
In Scotland: NHS 24 - dial 111

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Skin Irrit. 2 H315 Causes skin irritation.

Eye Dam. 1 H318 Causes serious eye damage.

Additional information:
Stored in unopened bags and in clean dry conditions, the product remains low in chromate for at least 6 months (trading unit >10kg) and 12 months (trading unit ≤10kg), respectively, from date of manufacture.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008
The product is classified and labelled according to the GB CLP regulation.

Hazard pictograms



GHS05

Signal word Danger

Hazard-determining components of labelling:
Cement, portland, chemicals

Hazard statements
H315 Causes skin irritation.
H318 Causes serious eye damage.

Precautionary statements
P102 Keep out of reach of children.

(Contd. on page 2)

Safety data sheet

according to UK REACH

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Printing date 26.03.2025 *Version number 7 (replaces version 6)* *Revision: 26.03.2025*

Trade name: *FundamentDickbeschichtung 2 K Flex Komp. B*

(Contd. of page 1)

P280	Wear protective gloves / 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.
P315	Get immediate medical advice/attention.
P302+P352	IF ON SKIN: Wash with plenty of water.
P332+P313	If skin irritation occurs: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

2.3 Other hazards
This product is treated with a Cr (VI) reducing agent according to the chromium (VI) directive (2003/53/EC), the effectiveness of the reducing agent diminishes with time. Therefore product bags will contain information on the period of time (shelf life) for which the reducing agent will continue to maintain the level of soluble Cr (VI) below the imposed limit of 0.0002%, according to EN 197-10. They will also indicate the appropriate storage conditions for maintaining the effectiveness of the reducing agent.

Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.

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SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Mixture: consisting of the following components.

Dangerous components:		
CAS: 65997-15-1 EINECS: 266-043-4	Cement, portland, chemicals Eye Dam. 1, H318; Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335	>20%

Additional information: For the wording of the listed hazard phrases refer to section 16.

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SECTION 4: First aid measures

4.1 Description of first aid measures

After inhalation: In case of unconsciousness place patient stably in side position for transportation.

After skin contact: Immediately wash with water and soap and rinse thoroughly.

After swallowing:
If swallowing has occurred do not induce vomiting. Give person plenty of water to drink and seek medical attention.

4.2 Most important symptoms and effects, both acute and delayed Not applicable.

4.3 Indication of any immediate medical attention and special treatment needed
No further relevant information available.

SECTION 5: Firefighting measures

5.1 Extinguishing media
The product is not flammable either as delivered or when treated by mixing with water. Therefore, extinguishing media and fire-fighting procedures have to be coordinated in accordance with the surrounding fire.

(Contd. on page 3)

Safety data sheet

according to UK REACH

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Printing date 26.03.2025 *Version number 7 (replaces version 6)* *Revision: 26.03.2025*

Trade name: *FundamentDickbeschichtung 2 K Flex Komp. B*

(Contd. of page 2)

Suitable extinguishing agents: Use fire extinguishing methods suitable to surrounding conditions.

5.3 Advice for firefighters
No special fire-fighting measures required. Do not allow extinguishing agents to reach sewage system.

Additional information
Collect contaminated fire fighting water separately. It must not enter the sewage system.

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SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures
Ensure adequate ventilation
Avoid formation of dust.
Avoid contact with eyes and skin.

6.2 Environmental precautions: Do not allow to enter sewers/ surface or ground water.

6.3 Methods and material for containment and cleaning up: Pick up mechanically.

6.4 Reference to other sections
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling Prevent formation of dust.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles: Store only in the original receptacle.

Information about storage in one common storage facility: Do not store together with acids.
Further information about storage conditions: None.

Storage class: 13

7.3 Specific end use(s) No further relevant information available.

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SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace:	
65997-15-1 Cement, portland, chemicals	
WEL	Long-term value: 10* 4** mg/m³ *inhalable dust **respirable dust

Additional information: The lists valid during the making were used as basis.

8.2 Exposure controls

Appropriate engineering controls No further data; see section 7.

Individual protection measures, such as personal protective equipment

Respiratory protection: Not required.

(Contd. on page 4)

Safety data sheet

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Printing date 26.03.2025 *Version number 7 (replaces version 6)* *Revision: 26.03.2025*

Trade name: *FundamentDickbeschichtung 2 K Flex Komp. B*

(Contd. of page 3)

Hand protection



Protective gloves

Eye/face protection Not required.

Body protection: Protective work clothing

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties	
Physical state	Solid
Colour:	Grey
Odour:	Odourless
Odour threshold:	Not applicable.
Melting point/freezing point:	Not applicable.
Boiling point or initial boiling point and boiling range	Not applicable.
Flammability	Not applicable (solid is non-inflammable)
Lower and upper explosion limit	
Lower:	Not applicable.
Upper:	Not applicable.
Flash point:	Not applicable.
Decomposition temperature:	Not applicable.
pH at 20 °C	11.5-13.5
Viscosity:	
Kinematic viscosity	Not applicable.
Solubility	
water:	Soluble.
Partition coefficient n-octanol/water (log value)	Not applicable (solid is non-flammable).
Vapour pressure:	Not applicable.
Density and/or relative density	
Density at 20 °C:	1.4 g/cm³
Relative density	Not applicable.
Vapour density	Not applicable.
Relative gas density	Not determined.
Particle characteristics	Not determined.
9.2 Other information	Not applicable.
Form:	Solid
Important information on protection of health and environment, and on safety.	
Ignition temperature:	Product is not selfigniting.
Explosive properties:	Product does not present an explosion hazard.
Solvent content:	
Water:	Not applicable.
Solids content:	100.0 %
oxidizing properties:	not classified as oxidizing.

(Contd. on page 5)

Safety data sheet

according to UK REACH

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Printing date 26.03.2025 *Version number 7 (replaces version 6)* *Revision: 26.03.2025*

Trade name: *FundamentDickbeschichtung 2 K Flex Komp. B*

(Contd. of page 4)

Information with regard to physical hazard classes	
Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	Void
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	Void

SECTION 10: Stability and reactivity

10.1 Reactivity
Alkaline reaction with water. In contact with water the intended chemical reaction takes place, within which the product hardens and forms a solid mass. Reaction with the environment does not occure.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided:
No decomposition if used according to specifications.

10.3 Possibility of hazardous reactions No dangerous reactions known.

10.4 Conditions to avoid No further relevant information available.

10.5 Incompatible materials: No further relevant information available.

SECTION 11: Toxicological information

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

Acute toxicity Based on available data, the classification criteria are not met.

Primary irritant effect:

Skin corrosion/irritation Causes skin irritation.

Serious eye damage/irritation Causes serious eye damage.
Germ cell mutagenicity Based on available data, the classification criteria are not met.
Carcinogenicity Based on available data, the classification criteria are not met.
Reproductive toxicity Based on available data, the classification criteria are not met.
STOT-single exposure Based on available data, the classification criteria are not met.
STOT-repeated exposure Based on available data, the classification criteria are not met.

(Contd. on page 6)

Safety data sheet

according to UK REACH

baumit.com

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Trade name: *FundamentDickbeschichtung 2 K Flex Komp. B*

(Contd. of page 5)

11.2 Information on other hazards

Endocrine disrupting properties
None of the ingredients is listed.

SECTION 12: Ecological information

12.1 Toxicity

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability No further relevant information available.

12.3 Bioaccumulative potential No further relevant information available.

12.4 Mobility in soil No further relevant information available.

12.5 Results of PBT and vPvB assessment
PBT: Not applicable.
vPvB: Not applicable.
12.6 Endocrine disrupting properties
The product does not contain substances with endocrine disrupting properties.

12.7 Other adverse effects

Additional ecological information:

General notes:
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
Must not reach sewage water or drainage ditch undiluted or unneutralised.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation
Harden unused residue with water. Dispose according to the current local regulations.
Waste disposal key:
Recommended cleansing agents: Water, if necessary together with cleansing agents.

SECTION 14: Transport information

14.1 UN number or ID number **ADR, ADN, IMDG, IATA**	Void
14.2 UN proper shipping name **ADR, ADN, IMDG, IATA**	Void
14.3 Transport hazard class(es) **ADR, ADN, IMDG, IATA** **Class**	Void
14.4 Packing group **ADR, IMDG, IATA**	Void

(Contd. on page 7)

Safety data sheet

according to UK REACH

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Trade name: *FundamentDickbeschichtung 2 K Flex Komp. B*

(Contd. of page 6)

14.5 Environmental hazards:	Not applicable.
14.6 Special precautions for user	Not applicable.
14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
UN "Model Regulation":	Void

SECTION 15: Regulatory information

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

Regulated explosives precursors
None of the ingredients is listed.

Regulated poisons
None of the ingredients is listed.

Reportable explosives precursors
None of the ingredients is listed.

Reportable poisons
None of the ingredients is listed.

Directive 2012/18/EU
Named dangerous substances - ANNEX I None of the ingredients is listed.

15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Relevant phrases
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.

Department issuing SDS: Abteilung Qualitätssicherung

Contact: sdb@baumit.de

Abbreviations and acronyms:
ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)
RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)
IMDG: International Maritime Code for Dangerous Goods
IATA: International Air Transport Association
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative
Skin Irrit. 2: Skin corrosion/irritation – Category 2

(Contd. on page 8)

Safety data sheet

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Trade name: *FundamentDickbeschichtung 2 K Flex Komp. B*

(Contd. of page 7)

Eye Dam. 1: Serious eye damage/eye irritation – Category 1
Skin Sens. 1: Skin sensitisation – Category 1
STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

*** Data compared to the previous version altered.**