

Safety Data Sheet

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



Trade name : Schlüter®-BEKOTEC-DPS
Revision Date : 23.02.2017
Print date : 01.03.2017

Version (Revision) : 13

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

1.1 Product identifier

Trade name: Schlüter®-BEKOTEC-DPS
Article number: 3531

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

No further relevant information available.

Application of the substance / the mixture

Mineral dry mortar, to be mixed with water.

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:

Schlüter-Systems KG

Street :

Schmöllestr. 7

Postal code/city :

D-58640 Iserlohn

Telephone :

+49 (0) 2371-971-0

Telefax :

+49 (0) 5425-801-111

Information contact :

sdb@schlueter.de

1.4 Emergency telephone number

out of office hours: +49 (0) 2371-971-0

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008



GHS05 corrosion

Eye Dam. 1 H318 Causes serious eye damage.



GHS07

Skin Irrit. 2 H315 Causes skin irritation.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the CLP regulation.



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

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

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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.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P362+P364 Take off contaminated clothing and wash it before reuse.

2.3 Other hazards

Dust from the dry mix may cause respiratory irritation.
Repeated inhalation of relatively large amounts of dust increases the risk of lung disorders.
A highly alkaline solution is produced as soon as the dry preparation comes into contact with water or becomes moist. Due to its high alkalinity, moist mortar can cause irritation to the skin and eyes. Particularly if the mortar is contact with the skin over a longer period (e.g. when kneeling in moist mortar), this alkalinity can cause serious damage to the skin.
The mixture is low-chromate, thus there is no risk of sensitization from chromate. In the form finished ready for use after adding water, the content of soluble chrome IV is maximum 0.0002% of the dry mass of the cement contained.
Requirement for the effectiveness of the chromate reduction is the correct dry storage and adherence of the maximum storage time.

Results of PBT and vPvB assessment

PBT: Not applicable.
vPvB: Not applicable.



SECTION 3: Composition / information on ingredients

3.2 Chemical characterisation: Mixtures

Description: Dry-mix mortar made of mineral binders and aggregates.

Dangerous components

CAS: 65997-15-1 Cement, portland, chemicals 10-25%

EINECS: 266-043-4  Eye Dam. 1, H318;  Skin Irrit. 2, H315; STOT SE 3, H335

Additional information: The full wording of the H statements can be found in Section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

After inhalation

Ensure a plentiful supply of fresh air. Consult a doctor if there is any discomfort.

After skin contact

In case of contact with skin wash off with soap and water. Consult a doctor if skin irritation persists.

After eye contact

Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing

Rinse out mouth and then drink plenty of water.
Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

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SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Product does not burn, fire-extinguishing activities according to surrounding.

For safety reasons unsuitable extinguishing agents

Water with full jet

5.2 Special hazards arising from the substance or mixture

No further relevant information available.

5.3 Advice for firefighters

Protective equipment

No special measures required.

Additional information

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

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Avoid formation of dust.

To avoid skin and eye contact.

Ensure adequate ventilation

Do not breathe dust

6.2 Environmental precautions

Do not allow the product to enter the sewer system, surface water or groundwater (raises the pH-value).

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.

To avoid skin and eyes contact.

Information about fire - and explosion protection

No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

Storage

Requirements to be met by storerooms and receptacles

Store only in unopened original receptacles.

Keep container tightly closed.

Store in dry conditions. Prevent the admittance of water and moisture.

Information about storage in one common storage facility

Do not store together with acids.

Further information about storage conditions

Always observe the manufacturer's instructions regarding storage conditions and shelf-life. If stored incorrectly (e.g. in moist conditions) or used after the expiration date, any chromate-reducing components present may lose their effectiveness, in which case sensitisation cannot be ruled out if the material comes into contact with the skin.

Storage class

VCI storage class: 13 · non-combustible solids.

7.3 Specific end use(s)

No further relevant information available.

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SECTION 8: Exposure controls/personal protection

Additional information about design of technical facilities: No further data; see item 7.

8.1 Control parameters

Ingredients with limit values that require monitoring at the workplace

65997-15-1 Cement, portland, chemicals (10-25%)

WEL Long-term value: 10* 4** mg/m³

*inhalable dust **respirable dust

Additional information

General dust threshold value 1,25 (A) mg/m³. The exposure threshold values are taken from the version of the TRGS 900 regulations that was valid at the time of compilation of this document.

8.2 Exposure controls

Personal protective equipment

General protective and hygienic measures

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Do not inhale dust / smoke / mist.

Avoid contact with the eyes and skin.

Do not eat, drink, smoke or sniff while working.

Be sure to clean skin thoroughly after work and before breaks.

Use skin protection cream for skin protection.

Use an oil-restoring skin cream after work.

Respiratory protection

If the exposure threshold values are exceeded (which could happen when mixing, for example), wear an FFP1 (white) particle-filtering half-mask.

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Protection of hands

Wear waterproof protective gloves that are wear-resistant and alkali-resistant and bear the CE mark.

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Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection

If dust is generated or if there is a danger of spray or splatter, wear tightly fitting protective goggles in accordance with EN 166.

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Body protection

Protective work clothing

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SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General information

Appearance

Form: Like powder

Colour: Grey

Odour: Odourless

Change in condition

Melting point/Melting range: not applicable

Boiling point/Boiling range: not applicable

Flash point: not applicable

Self-igniting: Product is not selfigniting.

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Danger of explosion:	Product does not present an explosion hazard.
Density:	Not determined.
Solubility in / Miscibility with water:	Slightly soluble.
Viscosity	
Dynamic:	Not applicable.
Kinematic:	Not applicable.
Organic solvents:	0.0%
Water:	0.0%
Solids content:	100.0%

9.2 Other information

No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity

No further relevant information available.

10.2 Chemical stability

Thermal decomposition / conditions to be avoided

No decomposition if used according to specifications.

10.4 Conditions to avoid

Avoid water infiltration and moisture during storage.

10.5 Incompatible materials

To avoid contact with acids.

10.6 Hazardous decomposition products

No dangerous decomposition products known at correct handling and storage.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

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.

Respiratory or skin sensitisation

As long as the use-by date is not exceeded a sensitising effect is not to be expected.

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

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.

Aspiration hazard

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

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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.

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.

12.5 Results of PBT and vPvB assessment

PBT: Not applicable

vPvB: Not applicable

12.6 Other adverse effects

No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Recommendation

Disposal according to official regulations.

Must not be disposed together with household garbage. Do not allow product to reach sewage system. Remove in accordance with local official regulations.

Material mixed with water and let harden.

European waste catalogue

17 01 01 concrete

Uncleaned packaging

Recommendation

Disposal must be made according to official regulations.

SECTION 14: Transport information

14.1 UN-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

14.5 Environmental hazards

Not applicable.

14.6 Special precautions for user

Not applicable.

14.7 Transport in a bulk according to Annex II of Marpol and the IBC Code

Not applicable.

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Transport/ Additional information

ADN

Item No hazardous material as defined by the prescriptions.
UN „Model Regulation“ Void

SECTION 15: Regulatory information

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

Directive 2012/18/EU

Named dangerous substances - ANNEX I

None of the ingredients is listed. Restriction 40

National regulations

Other regulations, limitations and prohibitive regulations

-
-
-

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

Department issuing SDS

Abteilung F&E

Abbreviations and acronyms

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)
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, Hazard Category 2
Eye Dam. 1: Serious eye damage/eye irritation, Hazard Category 1
STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3