

Security Data Sheet

page: 1/7

Security Data Sheet

According 1907/2006/EG, product 06MC0BAM0350FS025

Printing date: 9th August 2021 revised: 14th December 2020

1 Name of the substance or mixture and the company

1.1 Product identifier

• **Trade name:** MortaColl® BAM 35-FS

- **Use of the substance / mixture:** mineral dry mortar for mixing with water
- **item number:** 3657
- **SDS-Nr.:** 19498

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

No further relevant information available

Use Sector: SU 19: Construction industry

1.3 Details of the supplier who provides the safety data sheet

• **Producer / supplier:**

STBS Bausysteme GmbH & Co. KG
Philipp-Reis-Straße 8
D-64404 Bickenbach

• **Information department:**

department: technical advice
Telephone: +49 (0)6257 99887-0
E-Mail: info@stbs-bausysteme.de

1.4 Emergency number:

Poison Information Centre North (GIZ Nord) University of Goettingen,
Tel.: (0551) 19240

2 Possible dangers

2.1 Classification of the substance / mixture

• **Classification according to regulation (EG) Nr. 1272/2008**



GHS05 corrosive effect

Eye Dam. 1 H318 causes severe eye damage.



GHS07

Skin Irrit. 2 H315 causes skin irritation.

2.2 Label elements

• **Labelling according to regulation (EG) Nr. 1272/2008**

The product is classified and labelled according to CLP regulation

• **Hazard pictograms**



GHS05

• **Signal word** danger

• **Hazardous components for labeling:**

Portland cement

(continued on page 2)

EN



Security Data Sheet

page: 2/7

Security Data Sheet

According 1907/2006/EG, product 06MC0BAM0350FS025

Printing date: 9th August 2021 revised: 14th December 2020

(continued from page 1)

• Hazard warnings

H315 causes skin irritation.

H318 causes severe eye damage.

• safety instructions

P101 If medical advice is needed, have container or label ready.

P102 Keep out of the reach of children.

P103 Read label before use and follow instructions.

P264 Wash thoroughly after use

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

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

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove existing contact lenses if possible. Continue rinsing.

P310 Immediately call a POISON CENTER or physician.

P321 Specific treatment (see on this label)

P362+P364 Take off contaminated clothing and wash it before reuse.

P332+P313 If skin irritation occurs: Get medical advice / assistance.

2.3 Other dangers

The preparation is low in chromate, so there is no risk of sensitization by chromate. In the ready-to-use form after having added water, the content of soluble chromium (VI) is at most 0.0002% of the dry mass of the cement contained. The prerequisite for the effectiveness of the chromate reduction is

Appropriate dry storage and observance of the best-before date (see point 7.2).

• Results of the PBT and vPvB assessment

• **PBT**: not applicable.

• **vPvB**: not applicable.

3 Composition a/ information on ingredients

• **Chemical characterization**: Mixture

• **Hazardous ingredients**:

CAS: 65997-15-1	Portland cement	2,5-10%
-----------------	-----------------	---------

EINECS: 266-043-4		Eye Dam. 1, H318;
-------------------	---	-------------------



Skin Irrit. 2, H315; STOT SE 3, H335

Dispersion powder based on a copolymer

Aquatic Chronic 3, H412

≤ 2,5%

4 First Aid Measures

4.1 Description of the first aid measures

• **after skin contact**: rinse skin immediately with much water

• **after eye contact**: Rinse eyes with open eyelids for several minutes under running water and consult a doctor.

• **after ingestion**: Consult a doctor if symptoms persist.

• **after inhalation**: Provide fresh air. Consult a doctor in case of discomfort.

4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3 Indication of immediate medical attention or special treatment

No further relevant information available.

5 Fire-fighting measures

5.1 Extinguishing media

• **Suitable extinguishing agents**: Use fire-fighting measures that suit the environment.

• **For safety reasons unsuitable extinguishing agents**: water with full jet.

continued on page 3)

EN



Security Data Sheet

page: 3/7

Security Data Sheet

According 1907/2006/EG, product 06MC0BAM0350FS025

Printing date: 9th August 2021 revised: 14th December 2020

(continued from page 2)

5.2 Special hazards arising from the substance or mixture: No further relevant information available.

5.3 Advice for firefighters

Protective equipment: Put on breathing apparatus

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected people away. If swallowed, seek medical advice immediately and show packaging or label.

6.2 Environmental precautions: No special measures required.

6.3 Methods and material for containment and cleaning up: Use neutralizing agent. Dispose of contaminated material as waste according to Section 13.

6.4 Reference to other sections

See Section 7 for information on safe handling.

For information on personal protective equipment, see Section 8.

Information on disposal, see section 13.

7 Handling and storage

7.1 Handling:

- **Precautions for safe handling:** good dedusting
- **Information on fire and explosion protection:** No special measures required.

7.2 Conditions for safe storage, including any incompatibilities

- **Storage:**
 - **Requirements for storage rooms and containers:** No special requirements
 - **Advice on common storage:** not required.
 - **Further information about storage conditions:** Keep container tightly closed
- Classification according to the Ordinance on Industrial Safety and Health (BetrSichV):** -
- ### 7.3 Specific end uses
- No further relevant information available.

8 Exposure controls and personal protection

8.1 Control parameters

- **Additional information on the design of technical systems:** No further details, see section 7.
- **Components with workplace-related limit values to be monitored:**

14808-60-7 quartz (25-50%)
MAK respirable fraction

65997-15-1 Portland cement (2,5-10%)
AGW 5 E mg/m³
DFG

Additional details: The lists valid during the creation were used as the basis

8.2 Limitation and monitoring of exposure

- **Personal protective equipment:**
- **General protective and hygiene measures:**
 - Keep away from food, drink and animal feed.
 - Take off dirty, soaked clothes immediately.
 - Do not breathe dust / smoke / mist.
 - Avoid contact with eyes and skin.
 - Do not eat, drink, smoke or sniff while working.
 - Make sure you clean your skin thoroughly after work and before breaks.
 - Preventive skin protection with skin protection ointment.
 - Use a refatting skin cream after work.
- **Breathing protection:**
 - BGR 190 "Rules for the use of breathing apparatus" must be observed (BGR: Berufsgenossenschaftliche Regel)

(continued on page 4)
EN

Security Data Sheet

page: 4/7

Security Data Sheet

According 1907/2006/EG, product 06MC0BAM0350FS025

Printing date: 9th August 2021 revised: 14th December 2020

(continued from page 3)

· Hand protection:



Safety gloves

BGR 195 "Rules for the use of protective gloves" must be observed (BGR: Berufsgenossenschaftliche Regel).

The glove material must be impermeable and resistant to the product / substance / preparation.

Due to the lack of tests, no recommendation can be made on the glove material for the product / preparation / chemical mixture. Selection of the glove material considering the breakthrough times, permeation rates and degradation

· eye protection:



Safety goggles

Use tight-fitting safety goggles in case of dust formation or splash hazards.

BGR 192 "Rules for the use of eye and face protection" must be observed (BGR:

Berufsgenossenschaftliche Regel)

Body protection:

Protective work clothing.

BRG 189 "Rules for the use of protective clothing" must be observed (BGR: Berufsgenossenschaftliche Regel).

9 Physical and chemical properties

9.1 Information on basic physical and chemical properties

- General information

- Appearance:

Form:

solid

Colour:

according to product name

- Odour:

characteristic

Odour threshold:

not determined

- pH-value:

not applicable

- Change in condition

Melting point/Freezing point:

not determined

Initial boiling point and boiling range:

> 1.250°C

- Flash point:

not applicable

- Flammability (solid, gaseous):

not determined

- Decomposition temperature:

not determined

- Auto-ignition temperature:

The product is not self-igniting.

- Explosive properties:

The product is not explosive

lower:

not determined

upper:

not determined

- Vapour pressure at 1732 °C:

13.5 hPa

- Density at 20 °C:

2.36794-2.53144g/cm³

- Relative density:

not determined

- Vapour density:

not applicable

- Evaporation rate:

not applicable

- Solubility in / Miscibility with Water:

soluble

Partition coefficient: n-octanol/water:

not determined

- Viscosity:

dynamic:

not applicable

Kinematic at 20 °C:

0 s (DIN 53211/4)

Solid content:

100.0

9.2 Other information: No further relevant information available.

(continued on page 5)

EN



Security Data Sheet

page: 5/7

Security Data Sheet

According 1907/2006/EG, product 06MC0BAM0350FS025

Printing date: 9th August 2021 revised: 14th December 2020

(continued from page 4)

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 as directed.

10.3 Conditions to avoid No further relevant information available.

10.4 Incompatible materials: Avoid contact with acids.

10.5 Hazardous decomposition products: No hazardous decomposition products known.

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:** Irritating to skin and mucous membranes.

- **Serious eye damage/irritation:** Causes serious eye damage.

- **Sensitisation:** Based on available data, the classification criteria are not met.

Other information (on experimental toxicology):

In case of repeated skin contact with fresh mortar and fresh concrete over many years, there is the possibility of sensitisation, which may lead to allergic skin reactions (mason's scabies).

The product mixed with water may cause serious skin damage in case of prolonged contact. Simultaneous mechanical stress on the skin may increase such effects.

Additional toxicological information:

CMR effects (carcinogenic, mutagenic and toxic 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.

- **Specific target organ toxicity (single exposure):** Based on available data, the classification criteria are not met.

Specific target organ toxicity in case of repeated exposure :

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

- **Aspiration hazard:** Based on available data, the classification criteria are not met.

12 Environmental 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.

- **General information:**

Water hazard class 1 (Self-assessment): slightly hazardous for water.

Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

Allow to enter. Do not allow undiluted or unneutralised product to enter waste water or receiving waters.

12.5 Results of PBT and vPvB assessment

- **PBT:** Not applicable.

- **vPvB:** Not applicable.

12.6 Other adverse effects: No further relevant information available.

13 Notes on disposal

13.1 Waste treatment methods

Uncleaned packaging:

- **Recommendation:** Dispose of in accordance with official regulations.

- **Recommended cleaning agent:** Water, if necessary with the addition of cleaning agents.

14 Notes on transport

14.1 UN-Number

· **ADR, ADN, IMDG, IATA**

not applicable

14.2 UN proper shipping name

· **ADR, ADN, IMDG, IATA**

not applicable

(continued on page 6)

EN



Security Data Sheet

page: 6/7

Security Data Sheet

According 1907/2006/EG, product 06MC0BAM0350FS025

Printing date: 9th August 2021 revised: 14th December 2020

(continued from page 5)

14.3 transport hazard classes

· ADR /ADN/ IMDG, IATA

· **Class** not applicable

· **Hazard label -**

· **ADN/R-class:** not applicable

14.4 packing group

· ADR, IMDG, IATA not applicable

14.5 Environmental hazards:

not applicable

14.6 special precautions for user not applicable

14.7 Bulk transport according to Annex II of the MARPOL-agreement 73/78 and IBC-Code not applicable.

· **Transport/further information:**

· ADR -

· ADN

· **item/letter:** no dangerous goods

· **UN "Model Regulation":** not applicable

15 Legislation

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

Directive 2012/18/EU

- **Named dangerous substances - ANNEX I:** None of the ingredients are included.

- **Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment - Annex II.**

electronic equipment - Annex II

None of the ingredients are included.

- **National regulations:**

- **Classification according to the German Ordinance on Industrial Safety and Health (BetrSichV): -.**

- **Water hazard class: WGK 1 (self-classification):** slightly hazardous for water.

- **Other regulations, restrictions and prohibitions**

UVV: "Processing of coating materials" (BGV D 25). Praxisleitfaden für den Umgang mit Epoxidharzen (published by the Berufsgenossenschaft der Bauwirtschaft) - www.bgbau.de or www.gisbau.de

Handling epoxy resin systems safely (published by PlasticsEurope) - www.plasticseurope.org

BGR 227 "Activities involving epoxy resins" (published by the German Federation of Institutions for Statutory Accident Insurance and Prevention) - www.dguv.de

15.2 **Chemical safety assessment:** A chemical safety assessment has not been carried out.

16 Other information

The information is based on the current state of our knowledge, but does not constitute a guarantee of product properties and does not establish a contractual legal relationship.

product characteristics and do not establish a contractual legal relationship.

- **Relevant phrases**

H315 Causes skin irritation.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

H412 Harmful to aquatic life with long lasting effects.

R37/38 Irritating to respiratory system and skin.

R41 Risk of serious damage to eyes.

R52/53 Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

· **Department issuing data sheet:** R&D Department

(continued on page 7)

EN



Security Data Sheet

page: 7/7

Security Data Sheet

According 1907/2006/EG, product 06MC0BAM0350FS025

Printing date: 9th August 2021 revised: 14th December 2020

(continued from page 6)

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)

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 irritant/corrosive effect – category 2

Eye Dam. 1: Serious eye damage/eye irritation – category 1

STOT SE 3: Specific target organ toxicity (single exposure) – category 3

Aquatic Chronic 3: Hazardous to the aquatic environment - Hazardous to the aquatic environment in the long term – category 3

· * **Data changed compared to previous version**
