

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

- **Product identifier**
- **Trade name:** HADAPLAN BA15 55Z
- **Article number:** 51003 B
- **Relevant identified uses of the substance or mixture and uses advised against**
No further relevant information available.
- **Application of the substance / the preparation**
Floor screed for coatings of 4 to 15 mm (blended with screed sand to 50 mm) for exteriors and interiors, self-levelling and abrasion resistant
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
Heinrich Hahne GmbH & Co. KG
Heinrich-Hahne-Weg 11
45711 Datteln Tel.: 02363/5663-0
- **Further information obtainable from:**
Abteilung: Produktsicherheit
Tel.: 02363 5663-0
Email: info@hahne-bautenschutz.de
- **Emergency telephone number:**
Giftnformationszentrum Nord (GIZ Nord) Universität Göttingen,
Tel.: 0551-19240

2 Hazards identification

- **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

Acute Tox. 4 H332 Harmful if inhaled.

Skin Irrit. 2 H315 Causes skin irritation.

STOT SE 3 H335 May cause respiratory irritation.

- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**

· **Hazard description:** Xi Irritant

- **Information concerning particular hazards for human and environment:**

R 37/38 Irritating to respiratory system and skin.

R 41 Risk of serious damage to eyes.

- **Classification system:**

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

- **Label elements**

- **Labelling according to EU guidelines:**

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials.

GISCODE: ZP 1

(Contd. on page 2)

Trade name: HADAPLAN BA15 55Z

(Contd. of page 1)

· **Code letter and hazard designation of product:**



Xi Irritant

· **Risk phrases:**

- 37/38 Irritating to respiratory system and skin.
- 41 Risk of serious damage to eyes.

· **Safety phrases:**

- 22 Do not breathe dust.
- 24/25 Avoid contact with skin and eyes.
- 26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- 36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

· **Other hazards** Alkaline reaction with water.

· **Results of PBT and vPvB assessment**

- **PBT:** Not applicable.
- **vPvB:** Not applicable.

3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** cementitious floor leveling compound

· **Dangerous components:**

| | | |
|--------------------------------------|---|---------|
| CAS: 65997-15-1 EINECS: 266-043-4 | Cement, portland, chemicals Xi R37/38-41 Eye Dam. 1, H318; Skin Irrit. 2, H315; STOT SE 3, H335 | 10-25% |
| CAS: 65997-16-2 | Calcium aluminate | 2.5-10% |
| CAS: 7778-18-9 EINECS: 231-900-3 | calcium sulphate, natural substance with a Community workplace exposure limit | 2.5-5% |

4 First aid measures

- **Description of first aid measures**
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** Seek medical treatment.
- **Information for doctor:**
- **Most important symptoms and effects, both acute and delayed** No further relevant information available.
- **Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents:**
not applicable, product is not flammable
Use extinguishing measures to surrounding fire.

(Contd. on page 3)

Trade name: HADAPLAN BA15 55Z

(Contd. of page 2)

- **Special hazards arising from the substance or mixture** No further relevant information available.
- **Advice for firefighters**
- **Protective equipment:** No special measures required.
- **Additional information** Product hardens on contact with water.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** Avoid contact with skin and eyes
- **Environmental precautions:**
Do not allow to enter sewers/ surface or ground water.
Inform respective authorities in case of seepage into water course or sewage system.
- **Methods and material for containment and cleaning up:** Pick up mechanically.
- **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.

7 Handling and storage

- **Handling:**
- **Precautions for safe handling**
Avoid formation of dust.
Avoid skin and eye contact.
- **Information about fire - and explosion protection:** No special measures required.
- **Conditions for safe storage, including any incompatibilities**
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store only in unopened original receptacles.
- **Information about storage in one common storage facility:**
Store away from foodstuffs.
Store away from acids.
- **Further information about storage conditions:** Store in dry conditions.
- **Storage class:** VCI storage class: 13 - Non-hazardous solid brand.
- **Specific end use(s)** No further relevant information available.

8 Exposure controls/personal protection

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

14808-60-7 Quartz (SiO₂) (25-50%)

WEL respirable fraction

7778-18-9 calcium sulphate, natural (<2.5%)

WEL A 6 mg / m³
DFG

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

(Contd. on page 4)

Trade name: HADAPLAN BA15 55Z

(Contd. of page 3)

- **Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**
Keep away from foodstuffs, beverages and feed.
Immediately remove all soiled and contaminated clothing
Wash hands before breaks and at the end of work.
Avoid contact with the skin.
Avoid contact with the eyes and skin.
- **Respiratory protection:**
In case of dust formation use dust mask.
Dust mask P1.
Leaflet ZH 1/134 BG.
- **Protection of hands:**
Protective gloves
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
Protective gloves made of PVC, rubber, nitrile rubber.
- **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:** Wear dust or splashes tight fitting goggles.
- **Body protection:** Protective work clothing.

9 Physical and chemical properties

- **Information on basic physical and chemical properties**
- **General Information**
- **Appearance:**

| | |
|----------------|-----------|
| Form: | Solid |
| Colour: | gray |
| Odour: | Odourless |
- **pH-value (300 g/l) at 20 °C:** ca.12 (DIN 19268)
- **Change in condition**

| | |
|-------------------------------------|---------------|
| Melting point/Melting range: | Undetermined. |
| Boiling point/Boiling range: | Undetermined. |
- **Flash point:** Not applicable.
- **Self-igniting:** Product is not selfigniting.
- **Danger of explosion:** Product does not present an explosion hazard.
- **Density:** Not determined.
- **Bulk density:** 1.35 kg/m³
- **Evaporation rate** Not applicable.
- **Solubility in / Miscibility with water:** dyspergujący

(Contd. on page 5)

Trade name: **HADAPLAN BA15 55Z**

(Contd. of page 4)

· **Other information** No further relevant information available.

10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known.
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** Avoid contact with acids.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** Irritant to skin and mucous membranes.
- **Sensitization:** As long as the expiration date is exceeded, is not expected to have a sensitizing effect.
- **Additional toxicological information:**
The product shows the following dangers according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version:
Irritant

12 Ecological information

- **Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:** Not known to be hazardous to water.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation**
Must not be disposed together with household garbage. Do not allow product to reach sewage system.

· **European waste catalogue**

| | |
|----------|----------|
| 17 01 01 | concrete |
|----------|----------|

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

(Contd. on page 6)

Printing date 08.08.2013

Revision: 08.08.2013

Trade name: HADAPLAN BA15 55Z

· **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

(Contd. of page 5)

14 Transport information

| | |
|--|---|
| · UN-Number | - |
| · UN proper shipping name | - |
| · Transport hazard class(es) | - |
| · Packing group | - |
| · Environmental hazards: | Not applicable. |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| · Transport/Additional information: | No hazardous good according to transport regulations. |

15 Regulatory information

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

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.

R37/38 Irritating to respiratory system and skin.

R41 Risk of serious damage to eyes.

· **Abbreviations and acronyms:**

GHS: Globally Harmonized System of Classification and Labelling of Chemicals